

## **EXHIBIT 2**

**PX 587 – COUNT I – Refinery STEERS Events – Sorted  
by Pollutant – Totals Added – Traceability Codes Added**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
This exhibit adds one column to the stipulated table in PX 1A; that column is entitled "Number of Days of Violation." The number of days of violation are calculated as follows:														
1. 1 day of violation is counted for each 24-hour period an emission event lasts (e.g., 30-hour Duration = 2 days of violation).														
2. Because the Refinery permit regulates emissions on a pollutant-by-pollutant basis, days of violation are calculated separately for each regulated air contaminant released in an event. VOCs are grouped together as one pollutant because they are regulated that way (except for benzene, which is regulated separately in the permit); oxides of Nitrogen are similarly grouped together as one pollutant.														
3. Every emission limit is considered to be "0", because no upset-related emissions are authorized by the Refinery permit.														
4. Because the Refinery's flexible emission caps group all emission sources together, only 1 violation per day for each pollutant released in an emission event is counted, regardless of how many emission points in the same event emitted that pollutant.														
Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (hh:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
66436	ETSC 000736 - 000737	10/14/05 2:47	10/14/05 20:21	17:34	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Bypass		Ammonia	1,125.00	0.00	FCCU3 C Boiler tripped offline at 2:47 and again shortly after start-up at noon. Cause of event currently under investigation	1	O-RQ
83410	ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		Ammonia	10.00	0.00	Product stripper tower T-276 developed a pinhole leak. The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas oil (VOC-PGO). The small fire has ended and visible emissions from the pinhole have stopped. The VOC reported is CS thru C8s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEQ.	1	
85962	ETSC 001027 - 001028	1/11/07 20:25	1/11/07 21:10	0:45	Not specifically authorized	Gofiner	Gofiner Unit 1 Fugitives	GF1FUG	Ammonia	0.20	0.00	Gas oil vapors to the atmosphere. Portions of the Gofiner Unit are covered under Permit 18287/PSD-TX-730M4.	1	
121026	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Ammonia	9.00	0.00	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	
126586	ETSC 001224 - 001225	07/08/2009 11:00	07/08/2009 12:00	1:00		FCCU2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Ammonia	24.63	76.86	Loss of oxygen to FCCU2. A portion of emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M4. Calculations show emissions were below reportable quantity.	1	
143353	ETSC 001323 - 001324	08/09/2010 17:10	08/09/2010 18:31	1:21	0.5 lb of the total 0.5 lbs are authorized by Permit #18287/PSD-TX-730	Fluidized Catalytic Cracking Unit	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	0.00	76.86	A coupling on the common discharge header for the Wet Gas Scrubber Recirculation Pumps (P-501's) developed a leak on 8/8/2010. The P-501's were shut down to install a temporary clamp. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730. The event has ended.	1	
146940	ETSC 001341 - 001342	11/02/2010 2:00	11/02/2010 5:00	3:00	Portions of these emissions may be authorized by Flex PAL Permit #18287/PSD-TX-730M4	Fluidized Catalytic Cracking Unit 2 (FCCU2)	FCCU2 Wet Gas Scrubber	FCCU2WGS	Ammonia	68.30	76.86	Loss of oxygen to FCCU2 from third party supplier. Portions of emissions may be authorized by Flex PAL Permit #18287/PSD-TX-730M4.	1	
161875	ETSC 068035 - 068036	11/17/11 10:50	11/17/11 11:15	0:25	Not specifically authorized	Gofiner	Hole in Pipe		Ammonia	5.07	0.00	On 11/15/11 at 23:00, a hole in a pipe was observed and subsequently isolated. The initial estimate indicated the emissions were below a reportable quantity. During insulation removal and inspection of the pipe on 11/17/11, the hole size indicated that emissions were higher than the initial estimate. Site Permit Number is 18287/PSD-TX-730.	1	
179694	ETSC 072917 - 072918	2/22/13 18:24	2/23/13 1:31	7:07	\$1 LBS of total 111 LBS are authorized under Permit #18287/PSD-TX-730M4 (PAL7)	Fluid Catalytic Cracking Unit 3	Cat Regenerator	FCCU3WGS	Ammonia	60.00	78.86	CO Boiler trip resulted in emissions from the wet gas scrubber at the Fluidized Catalytic Cracking Unit 3 (FCCU3).	1	
187800	ETSC 073073 - 073074	8/27/13 8:30	8/27/13 16:45	8:20	5 lbs of total 5 lbs are authorized under Permit #18287/PSD-TX-730M4 (PAL7)	Fluidized Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	0.00	76.86	FCCU2 Selective Catalytic Reduction (SCR) system tripped causing NOx emissions to increase.	1	
83377	ETSC 001053 - 001054	11/1/06 14:24	11/2/06 16:00	25:36	Not specifically authorized. 500 ppm limit per 40 CFR 63.1565 (c)(1) and 400 ppm limit per 30 TAC 117.206(e)(1)	Fluid Catalytic Cracking Unit 3	CO Boiler Bypass Stack		Ammonia	76.00	0.00	Boger SG-501A boiler tripped offline and regenerator flue gas was partially rerouted to the atmosphere. Regenerator flue gas from SG-501A also continued to be partially treated in the Wet Gas Scrubber. The boiler was promptly returned to service. The event has ended. The unit has returned to normal operations.	2	
83409	ETSC 001055 - 001056	10/31/06 23:17	11/1/06 1:00	25:43	Permit by Rule 30 TAC 106.263	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber Stack		Ammonia	22.00	100.00	Valve leaked regenerator flue gas through boiler SG-501C during maintenance. Flue gas was partially treated in Wet Gas Scrubber. Event has ended. Unit has returned to normal operations. Portions of FCCU3 are permitted in Permit 18287.	2	
83474	ETSC 001047 - 001048	11/3/06 13:00	11/5/06 0:01	35:01	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Stack		Ammonia	208.00	0.00	Boger SG-501A boiler SG-501A went off-line unexpectedly on the morning of 5/13/07 causing unauthorized emissions at the wet gas scrubber stack. The boiler was restarted a few hours later and returned to normal operation. Hourly emissions were back to normal by 2:30pm, but the 24-hr rolling average for Carbon Monoxide stayed above the 400ppm limit set in 30 TAC Chapter 117 until 8:00am the next day. Portions of the FCCU3 are authorized under Flexible Permit Number 18287/PSD-TX-730.	2	O-RQ
89687	ETSC 000985 - 000986	4/13/07 5:27	4/14/07 8:03	26:36	Not specifically authorized	Fluid Catalytic Cracking Unit 3; CO Boiler	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	189.00	0.00	CO boiler SG-501C went off-line unexpectedly on the morning of 5/13/07 causing unauthorized emissions at the wet gas scrubber stack. The boiler was restarted a few hours later and returned to normal operation. Hourly emissions were back to normal by 2:30pm, but the 24-hr rolling average for Carbon Monoxide stayed above the 400ppm limit set in 30 TAC Chapter 117 until 8:00am the next day. Portions of the FCCU3 are authorized under Flexible Permit Number 18287/PSD-TX-730.	2	O-RQ
106240	ETSC 001083 - 001084	04/13/2008 14:20	04/15/2008 2:12	35:52	PAL Permit 18287/PSD-TX-302M4	CO Boiler C	FCCU3 Wet Gas Scrubber	FCCU3	Ammonia	19.00	80.65	Planned Maintenance resulted in startup of FCCU3 C Boiler. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M4.	2	
106701	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	No specific emissions authorized	Fluid Catalytic Cracking Unit 3	Bypass Stack	Bypass Stack	Ammonia	349.00	0.00	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	2	O-RQ
118545	ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Ammonia	32.00	0.00	Boilers B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	
120022	ETSC 001180 - 001181	02/13/2009 19:00	02/15/2009 16:00	45:00		Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCUWGS	Ammonia	33.00	76.86	FCCU2 start up after planned shutdown for planned maintenance. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M4.	2	
123793	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3 Bypass Stack	Ammonia	216.00	0.00	FCCU3 C Boiler tripped offline while B Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	O-RQ
125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Ammonia	2.00	0.00	CO Boiler SG-501A tripped offline. Hourly emissions returned to normal by 6/23/09 at 21:00, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 6/2/10 at 21:00. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	
132406	ETSC 001247 - 001248	11/25/2009 7:59	11/26/2009 21:00	37:01	Not specifically authorized	FCCU3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	369.00	76.86	Startup FCCU3 from planned maintenance. Event ended on 11/26/09 at 21:00, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 11/27/09 at 21:00. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M4.	2	O-RQ
84046	ETSC 001041 - 001042	11/20/06 10:25	11/22/06 11:19	48:54	Not specifically authorized	Fluid Catalytic Cracking Unit 3; CO Boiler 501C	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	226.00	0.00	CO boiler SG-501C was taken out of service periodically to perform maintenance on the electrical circuit that provides power to its instrumentation. The boiler had to remain out of service longer than expected to make the necessary repairs. The extended duration of the downtime caused the unit to exceed the pre-notified emissions. Portions of the FCCU3 are authorized under permit #18287.	3	O-RQ
113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU3 D505	FCCU3WGS	Ammonia	680.00	80.65	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	5	O-RQ
110887	ETSC 001113 - 001114	07/10/2008 3:00	07/18/2008 13:00	202:00	All emissions authorized by Permit 18287	Wastewater Treatment Plant	Wastewater Treatment Plant	SEWERFUG	Ammonia	89.00	80.65	Benzene concentration in wastewater treatment system. Portions of this facility are authorized by Permit No. 18287/PSD-TX-730.	9	
109165	ETSC 001103 - 001104	05/15/2008 17:00	07/25/2008 14:00	170:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3	Ammonia	567.00	0.00	A malfunction of seal tank internals to the FCCU3 bypass stack caused emissions to escape through the stack. Portions of the refinery are authorized by PAL permit number 18287.	71	O-RQ
83379	ETSC 001053 - 001054	11/1/06 14:24	11/2/06 16:00	25:36	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Stack		Ammonia	47.00	0.00	Boiler SG-501A boiler tripped offline and regenerator flue gas was partially rerouted to the atmosphere. Regenerator flue gas from SG-501A also continued to be partially treated in the Wet Gas Scrubber. The boiler was promptly returned to service. The event has ended. The unit has returned to normal operations.	already counted	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Tracking Number	Bates # of first Page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2	106703 ETSC 001091 - 0001092	04/22/2008 11:02	04/23/2008 16:21	29:39	Permit 18287 - 32 lb authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	32.00	80.65	Boilers A/B/c tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	already counted	
29	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Ammonia	6.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	already counted	
30	118545 ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	911.00	76.88	Boiler B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
31	121026 ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	112.00	76.88	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
32	123795 ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	13.00	76.88	FCCU3 CO Boiler A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 11 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
33	125838 ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Ammonia	139.00	76.88	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 11 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
34												TOTAL - AMMONIA	120	90
35														
36	70344 ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized	Hydroformer 4	OH0452		Benzene	44.33	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	1	O-RQ, R-RQ
37	76531 ETSC 000828 - 000829	5/31/06 14:00	6/1/06 5:50	15:50	Not specifically authorized	Oil Movements	Plant Sewer Fugitives	SEWERFUG	Benzene	2.00	0.00	Heptane from tank 741 water draw valve was released to onsite sewer and waste water treatment plant. Portions of Oil Movements are authorized under permit #18267.	1	
38	101421 ETSC 000923 - 000924	12/17/07 1:00	12/17/07 5:30	4:30	Not specifically authorized	Hydroformer 4	P451 B suction piping		Benzene	21.00	0.00	Stabilizer pump suction leak to atmosphere.	1	O-RQ, R-RQ
39	113088 ETSC 001126 - 001127	08/24/2008 15:30	08/24/2008 15:40	0:10	Not specifically authorized	Hydroformer 3	Reactor Vent	Hf3RXVENT	Benzene	0.20	0.00	A reactor was being air freed when material was released resulting in a fire. This event has ended. Portions of the HF3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	1	
40	144239 ETSC 001325 - 001326	08/30/2010 16:02	08/30/2010 16:39	0:37	Not specifically authorized	West Loop Flare System	Flare Stack 4	FLARE04	Benzene	15.50	6010.61	Loss of flame on flare pilots. The event has ended. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730. The unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7. This event has ended.	1	F, O-RQ, R-RQ
41	154039 ETSC 072695 - 072698	05/02/2011 6:30	05/02/2011 10:30	4:00	Not specifically authorized	Oil Movements	Oil Movements Area, Spill		Benzene	66.50	0.00	Air emissions are from evaporation of frac tank slop oil spill. Portions of the unit emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M4/PAL7. This event has ended. Emissions to hole in pipe. Portions of these emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7. The event has ended.	1	O-RQ, R-RQ
42	156835 ETSC 072698 - 072699	7/14/11 13:00	7/14/11 20:40	7:40	Not specifically authorized	Oil Movements Area 3	Hole in Pipe		Benzene	61.60	0.00	Benzene concentration in wastewater treatment system due to a spill at the Chemical Plant. As per 30TAC101.201.(a)(4), the initial spill notification was made under 30TAC327.3. Portions of this facility are authorized by Permit No. 18287/PSD-TX-730.	1	O-RQ, R-RQ
43	162526 ETSC 068133 - 068134	11/24/11 9:00	11/24/11 20:00	11:00	28.8 pounds of 55.8 pounds are authorized by Permit No. 18287/PSD-TX-730	Wastewater Treatment System	Wastewater Oxidation Unit	WOUFUG	Benzene	55.80	91.88	Benzene concentration in wastewater treatment system due to a spill at the Chemical Plant. As per 30TAC101.201.(a)(4), the initial spill notification was made under 30TAC327.3 on 1/14/12. Portions of this facility are authorized by Permit No. 18287/PSD-TX-730M4/PAL7.	1	O-RQ, R-RQ
44	164148 ETSC 068642 - 068643	1/14/12 21:00	1/14/12 21:45	0:45	Not specifically authorized	DOCKS			Benzene	15.00	0.00	101.201.(a)(4), the initial spill notification was made under 30TAC327.3 on 1/14/12. Portions of this facility are authorized by Permit #18287/PSD-TX-730M4/PAL7.	1	O-RQ, R-RQ, O-M, R-M
45	168050 ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	Not specifically authorized	Hydrocracking Unit 1 (HCU1)	E-702 Exchanger		Benzene	0.10	0.00	Compressor 1 resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	1	
46	182695 ETSC 073046 - 073047	5/11/13 6:30	5/11/13 11:21	4:51	Not specifically authorized	Hydroformer 3	Flange		Benzene	3.70	0.00	Flange leak on inlet line to Reactor 3	1	
47	147380 ETSC 001343	10/16/2010 1:30	10/17/2010 5:30	28:00		Oil Movements	Underground Naphtha Fill	Pipe Leaks	Benzene	81.00	0.00	Underground pipe leaks.	2	O-RQ, R-RQ
48	156946 ETSC 068110 - 068111	7/5/11 14:50	7/7/11 14:50	48:00	Not specifically authorized	Oil Movements Area 1	Area 1, Spill		Benzene	20.13	0.00	Spill was caused from leak in pipe. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730. The event has ended.	2	O-RQ, R-RQ
49	135717 ETSC 001282 - 001283	02/10/2010 9:45	02/12/2010 12:34	50:49	Not specifically authorized	Pipe Still 7 (PS7)	Flange at PS7 drum		Benzene	1.00	6010.61	Leak at flange on PS7 drum; event has ended. Portions of the refinery emissions are authorized by Permit #18287/PSD-TX-730.	3	
50	162866 ETSC 068135 - 068136	12/16/11 19:30	12/20/11 21:30	98:00	Portions may be authorized under Permit #18287/PSD-TX-730M4/PAL7	Crude Light Ends (CLE)	Hole in Pipe		Benzene	109.80	0.00	Discovered hole in T-730 Light Virgin Naphtha Draw Line. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	4	O-RQ, R-RQ
51	103838 ETSC 001076 - 001078	02/16/2008 8:30	02/20/2008 12:00	99:30	Not specifically authorized	Oil Movements	Tank 1095 sewer drain	SEWERFUG	Benzene	0.40	0.00	Leaking stormwater roof drain resulted in crude oil on tank roof. Secondary mist released at ground level sewer and vapor released from tank roof. Portions of Oil Movements, including the tank, authorized in Permit 18287.	5	
52	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 19	FLARE19	Benzene	1.00	91.92	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	5	
53	91325 ETSC 000975 - 000976	5/17/07 6:00	5/22/07 19:00	133:00	Not specifically authorized	Oil Movements Area 1	Tank 998	TK0998	Benzene	21.00	0.00	Loss of floatation on Tank 998 floating roof. Event is under investigation but most likely cause is that floating roof became entangled with tank's roof anti-rotation device. Tank contained oil destined for refinery recycle. Portions of Oil Movements Area 1, including Tank 998, are authorized in permit 18287. No impact on production and all customer needs were met. Event has ended.	6	O-RQ, R-RQ
54	110887 ETSC 001113 - 001114	07/10/2008 3:00	07/18/2008 13:00	202:00	34 lbs of the 442.1 lbs are authorized by Permit 18287	Wastewater Treatment Plant	Wastewater Treatment Plant	SEWERFUG	Benzene	442.10	91.92	Benzene concentration in wastewater treatment system. Portions of this facility are authorized by Permit No. 18287/PSD-TX-730.	9	O-RQ, R-RQ
55	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	CLEU T785 Piping Pinhole Leak		Benzene	2.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of Hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Dzordz) recommended	19	
56	70344 ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 17	FLARE 17	Benzene	0.24	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
57	70344 ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 18	FLARE 18	Benzene	0.24	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
58	70344 ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 20	FLARE 20	Benzene	0.24	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
59	70344 ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 21	FLARE 21	Benzene	0.24	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
60	103838 ETSC 001076 - 001078	02/16/2008 8:30	02/20/2008 12:00	99:30	20.7 of 42.5 lbs authorized by Permit 18287	Oil Movements	Tank 1095 roof	TK1095	Benzene	42.50	6014.44	Leaking stormwater roof drain resulted in crude oil on tank roof. Secondary mist released at ground level sewer and vapor released from tank roof. Portions of Oil Movements, including the tank, authorized in Permit 18287.	already counted	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	LECC Pump P-015 Recycle Piping Pinhole Leak		Benzene	1.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Dzordz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	Benzene	1.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Dzordz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
61	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	LECC Pump P-015 Recycle Piping Pinhole Leak		Benzene	1.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Dzordz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	Benzene	1.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Dzordz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
62	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	LECC Pump P-015 Recycle Piping Pinhole Leak		Benzene	1.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Dzordz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	Benzene	1.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Dzordz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
63	95557	ETSC 000959 - 000960	8/7/07 7:13	8/7/07 8:33	1:20	CS2 authorized under permit 18287	Sulfur Conversion Unit; Tail Gas Cleanup Unit	T-601	SCU2T601	Carbon Disulfide	0.02	1.00	A temporary loss of amine flow to absorber tower T-662 led to increased hydrogen sulfide emissions at Flexorb Absorber Vent T-601. The event has ended and the unit is back to normal operation. There was no impact to production and all customers' needs were met. Emissions from the Sulfur Conversion Unit (SCU2) are authorized under Flexible Permit #18287.	1	
	109887	ETSC 001105 - 001106	06/22/2008 10:00	06/25/2008 1:00	63:00	All emission from this EPN authorized by Flexible Permit 18287 SC30	Claus Sulfur Recovery Unit	Drum 702	SCU2D702	Carbon disulfide	1.20	0.00	During a Claus D unit start-up, a sulfur condenser in the unit plugged causing the downstream flexorb absorber vent to exceed permitted limits. Portions of the Refinery are authorized by PAL permit number 18287/PSD-TX-730M4.		
64	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Portion of emissions authorized under permit 18287 PSD No TX730M4/PAL	Sulfur Conversion Unit 2	Tower 601	SCU2T601	Carbon disulfide	90.70	1.00	Water ingress from a suspected exchanger leak at Tail Gas Cleanup Unit C lead to reduced treatment of tail gas at SCU2. Portions of the emissions from SCU2F702 and SCU2T601 were authorized under Flexible PAL Permit #18287/PSD-TX-730M4, flexible Permit #18287 SC30 authorized emissions from SCU2D702.	5	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 D-702	SCU2D702	Carbon disulfide	5.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.		
65	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Flexible Permit 18287 SC30	Sulfur Conversion Unit 2	Drum 702	SCU2D702	Carbon disulfide	2.10	0.00	Water ingress from a suspected exchanger leak at Tail Gas Cleanup Unit C lead to reduced treatment of tail gas at SCU2. Portions of the emissions from SCU2F702 and SCU2T601 were authorized under Flexible PAL Permit #18287/PSD-TX-730M4. Also, flexible Permit #18287 SC30 authorized emissions from SCU2D702.	already counted	
	109887	ETSC 001105 - 001106	06/22/2008 10:00	06/25/2008 1:00	63:00	24 lbs of 54 lbs are authorized	Claus Sulfur Recovery Unit	Flexorb Absorber Vent	SCU2R601	Carbon disulfide	54.00	1.00	During a Claus D unit start-up, a sulfur condenser in the unit plugged causing the downstream flexorb absorber vent to exceed permitted limits. Portions of the Refinery are authorized by PAL permit number 18287/PSD-TX-730M4.		
66	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 T601	SCU2T601	Carbon disulfide	21.00	29.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Flexible Permit 18287 SC30	Sulfur Conversion Unit 2	Drum 702	SCU2D702	Carbon disulfide	2.10	0.00	Water ingress from a suspected exchanger leak at Tail Gas Cleanup Unit C lead to reduced treatment of tail gas at SCU2. Portions of the emissions from SCU2F702 and SCU2T601 were authorized under Flexible PAL Permit #18287/PSD-TX-730M4. Also, flexible Permit #18287 SC30 authorized emissions from SCU2D702.		
67	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 T601	SCU2T601	Carbon disulfide	21.00	29.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	5	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 T601	SCU2T601	Carbon disulfide	21.00	29.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.		
71	66438	ETSC 000736 - 000737	10/14/05 2:47	10/14/05 20:21	17:34	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Bypass		Carbon Monoxide	263,767.00	0.00	FCCU3 Boiler tripped offline at 2:47 and again shortly after start-up at noon. Cause of event currently under investigation.	1	H, R-RQ
	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	DCUF601	DCUF601	Carbon Monoxide	12.00	4199.43	During start-up of hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in feed gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGWTWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.		
72	69967	ETSC 000812 - 000813	1/10/06 13:50	1/10/06 16:45	2:55	Not specifically authorized	Hydrogen Generation Unit	HGU1 Onsite Atmospheric Vent		Carbon Monoxide	10,647.00	0.00	HGU1 Furnace E-121 was shutdown due to exchanger E-122 problems. Portions of the HGU-1 unit are permitted under permit #18287.	1	H, R-RQ
	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 17	FLARE 17	Carbon Monoxide	7.70	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspotted C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.		
73	70365	ETSC 000796 - 000797	1/12/06 21:10	1/13/06 13:11	16:01	Permit #18287	ExxonMobil Baytown Refinery	GTG45/WHB75	BH7WHB75	Carbon Monoxide	213.00	4199.43	Facility steam constraints resulted in exceedance of NOx 93 ppm limit from the coupled GTG45/WHB75 stack. GTG45/WHB75 are permitted under permit #18287.	1	H
	72945	ETSC 000776 - 000777	3/14/06 17:30	3/14/06 17:50	0:20	Not specifically authorized	Oil Movements	Tank 801 fire wall		Carbon Monoxide	10.46	0.00	Paint cans and wood-based material caught fire inside the firewall of Tank 801. The minor fire only burned painting supplies and was put out minutes later. The ignition source was not determined.		
78	73875	ETSC 000770 - 000771	4/2/06 14:30	4/2/06 19:00	4:30	Permit #18287 PSD/TX730MS	Fuels North Gas Treating	Multiple FN Combustion Devices		Carbon Monoxide	512.50	4,199.43	Loss of MEA circulation on H2S scrubber tower T-854 causing Hydrogen Sulfide in the blend gas to exceed the NSPS J limit of 160 ppm over a 3 hour average. Each fuel gas combustion device in the Fuels North area potentially received the hydrogen sulfide containing material. The emissions sources are F-801/802/803/804/410/402/403/404/405/PO1/926/901/701/2/01/27/702/703.	1	H
	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 15	Flare15	Carbon Monoxide	1,311.00	542.70	Fire at Electrical Substation #5, serving the lube plant. Resulted in trip of East Loop Flare Gas Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, POI & LH2 units. VOC from petroleum is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under permit #18287.		
79	75191	ETSC 000840 - 000841	5/1/06 16:20	5/1/06 16:50	0:30	Not specifically authorized	Cooling Tower 9	Pump P-2		Carbon Monoxide	0.40	0.00	Bearing failure in pump P-2 caused the engine to overheat and smoke. No actual flame was present. Portions of Cooling Tower 9 are covered under refinery permit 18287.	1	
	83411	ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		Carbon Monoxide	30.00	0.00	The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas oil (VOC-PGO). The small fire has ended and visible emissions from the pinhole have stopped. The VOC reported is C5 thru C8s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEQ.		
82	84083	ETSC 001039 - 001041	11/20/06 1:00	11/20/06 4:00	3:00	Not specifically authorized	Lube Hydrofining Unit 1	F601 Line	Fire on Line	Carbon Monoxide	2,923.00	0.00	A small fire was discovered on a line to F-601 furnace at the Lube Hydrofining Unit 1 (LHU1). The event has ended. Portions of the Lube Hydrofining Unit are covered under permit #18287.	1	H
	87852	ETSC 000991 - 000992	3/2/07 12:15	3/3/07 4:42	16:27	Permit 18287 & PSD-TX-730M3PAL	Low Btu Gas Fired Sources	Low Btu Gas Fired Sources	LBGSRC	Carbon Monoxide	1,193.00	3804.90	Equipment malfunction caused High H2S in the Low Btu Gas (LBG) system. Portions of the refinery are authorized under permit #18287 and PSD-TX-730MS/PAL. Emissions were intermittent between 6:45pm 3/1/07 and 11:10am 3/2/07.		
84	96511	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare 14	FLARE14	Carbon Monoxide	39.00	0.00	Shift in power supply to Hydrofining Unit 9 (HU9) resulted in depressuring to D-500 atmospheric vent. HU9 diversion resulted in flaring of Low Btu Gas normally used in HU9 furnaces. Portions of the BTTF Refinery are authorized by Flex/PAL Permit No. 18289	1	F,H
	113088	ETSC 001126 - 001127	08/24/2008 15:30	08/24/2008 15:40	0:10	Not specifically authorized	Hydroformer 3	Reactor Vent	HF3RXVENT	Carbon Monoxide	9.00	0.00	A reactor was being air freed when material was released resulting in a fire. This event has ended. Portions of the HF3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730MS/PAL.		
85	121025	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Carbon Monoxide	2,646.00	0.00	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	1	H
	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	49 of the 74 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	Carbon Monoxide	74.00	3736.48	HCU1 shut down. Portions of the units are authorized by permit #18287/PSD-TX-730.		
88	126586	ETSC 001224 - 001225	07/08/2009 11:00	07/08/2009 12:00	1:00		FCCU2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Carbon Monoxide	5,704.43	3804.09	Loss of oxygen to FCCU2. A portion of emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M-4. Calculations show emissions were below reportable quantity.	1	H, R-RQ



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
2	Tracking Number	Bates # of first Page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
120	124219	EOCMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	Carbon Monoxide	2.00	3804.09	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	4	F, H
121	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	7303 lbs of the 7303 lbs are authorized by Permit # 18287 & PSD-TX-730M4	Flexicoker (FVK)	FN Fired Sources		Carbon Monoxide	7,303.00	3736.43	Flaring due to Flexicoker start-up after shut down. This event was ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	4	H, R-RQ
122	71454	ETSC 000784 - 000785	2/22/06 13:55	2/27/06 0:00	106:05	Not specifically authorized	Flexicoker Unit	GTG301 WHB Bypass Stack		Carbon Monoxide	5,385.00	0.00	Run in test of Flexicoker Unit GTG 301 resulting in turbine emissions being routed through the Waste Heat Boiler bypass stack.	5	H, R-RQ
123	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Not specifically authorized	Sulfur Conversion Unit 2	Furnace 702	SCU2F702	Carbon Monoxide	67.00	0.00	Water ingress from a suspected exchanger leak at Tail Gas Cleanup Unit C lead to reduced treatment of tail gas at SCU2. Portions of the emissions from SCU2F702 and SCU2T601 were authorized under Flexible PAL Permit #18287 SC30 authorized emissions from SCU2D702.	5	H
124	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All Blend Gas Fired Sources		Carbon Monoxide	85.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	5	H
125	72319	ETSC 000780 - 000781	2/27/06 9:00	3/5/06 7:00	142:00	Not specifically authorized	Flexicoker Unit	GTG301	FKWKBH301	Carbon Monoxide	31,493.00	0.00	Start-up of the Flexicoker Unit Turbine after a unit turnaround. During start-up exceeded NOx RACT and RMACT II CO Concentration limits of 400 ppm and 500 ppm. Portions of the Flexicoker are permitted under Permit #18287.	6	H, R-RQ
126	134509	ETSC 001273 - 001274	01/14/2010 14:30	01/21/2010 1:50	155:20	Portions of these emissions may be authorized by Permit #18287	Gas Treating	Flare 20	FL20	Carbon Monoxide	6,335.41	3736.48	Emissions from hole in piping to gas treating towers. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730.	7	F, H, R-RQ
127	82899	ETSC 001057 - 001058	10/20/06 3:00	10/28/06 12:00	201:00	Flexible Permit #18287	Fuels North	Fuels North Combustion Devices	FNCOMBDV	Carbon Monoxide	19,165.00	4199.43	The MEA Tower System had a leaking exchanger that resulted in increased levels of H2S in the blend gas system and in Tank S01. Each fuel gas combustion device in the Fuels North area potentially receives the hydrogen sulfide containing material. The possible emission sources are: HSK F901/926/701/801/802/803/804/401/402/403/404/405 HDS F301/201/227/703 FXX F301/WHB301 Portions of the Refinery are authorized under permit 18287 and PSD-TX-730M3.	9	H, R-RQ
128	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All BG Fired Fired Units (SEE PERMIT)		Carbon Monoxide	109.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	19	H
129	109166	ETSC 001103 - 001104	05/15/2008 17:00	07/25/2008 14:00	1701:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3	Carbon Monoxide	151,214.00	0.00	A malfunction of seal tank internals to the FCCU3 bypass stack caused emissions to escape through the stack. Portions of the refinery are authorized by PAL permit number 18287.	71	H, R-RQ
130	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46		Flexicoker Unit & Delayed Coker Unit	DCUF602	DCUF602	Carbon Monoxide	12.00	4199.43	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXXF301) & WHB-301 (FXXGTGWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
131	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	FHK WHB 301	FXKGTGWHB	Carbon Monoxide	6.00	4199.43	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXXF301) & WHB-301 (FXXGTGWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
132	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	FXKF301	FXKF301	Carbon Monoxide	5.00	4199.43	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXXF301) & WHB-301 (FXXGTGWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
133	68625	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 5	FLARE5	Carbon Monoxide	10.00	0.00	Maintenance west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
134	68625	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 3	FLARE3	Carbon Monoxide	10,017.00	0.00	Maintenance west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
135	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 18	FLARE 18	Carbon Monoxide	7.70	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
136	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 20	FLARE 20	Carbon Monoxide	7.70	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
137	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 21	FLARE 21	Carbon Monoxide	7.70	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
138	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Substation 5 - Transformers T501, T502 & T503		Carbon Monoxide	22.40	0.00	Fire at Electrical Substation #5, servicing the lubes plant. Resulted in trip of East Loop Flare Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LHU2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	already counted	
139	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 16	Flare16	Carbon Monoxide	46.00	542.70	Fire at Electrical Substation #5, servicing the lubes plant. Resulted in trip of East Loop Flare Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LHU2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	already counted	
140	83370	ETSC 001053 - 001054	11/1/06 14:24	11/2/06 16:00	25:36	Permit 18287, 500 ppm limit per 40 CFR 63.1565 (c)(1) and 400 ppm limit per 30 TAC 117.206(e)(1)	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Stack		Carbon Monoxide	20,604.00	3804.09	Boiler SG-501A boiler tripped offline and regenerator flue gas was partially rerouted to the atmosphere. Regenerator flue gas from SG-501A also continued to be partially treated in the Wet Gas Scrubber. The boiler was promptly returned to service. The event has ended. The unit has returned to normal operations.	already counted	
141	96515	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 0:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare Stack 26	FS26	Carbon Monoxide	284.00	0.00	Shift in power supply to Hydrofining Unit 9 (H9) resulted in depleting air to D-500 atmospheric vent. H9 diversion resulted in flaring of Low Btu Gas normally used in H9 furnaces. Portions of the BTTF Refinery are authorized by Flex/PAL Permit No. 18287.	already counted	
142	106703	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	Permit 18287 and 30 TAC 117.400 ppm - 3590 lbs authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubbe	FCCU3WGS	Carbon Monoxide	18,330.00	3804.09	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under flexible PAL Permit #18287/PSD-TX-730/M4/PAL Permit No. 18287.	already counted	
143	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 25	FS25	Carbon Monoxide	271.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
144	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Carbon Monoxide	151.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
145	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 27	FLARE27	Carbon Monoxide	1,315.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
146	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 11	FLARE11	Carbon Monoxide	1,127.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
147	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 14	FLARE14	Carbon Monoxide	2,787.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
148	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 15	FLARE15	Carbon Monoxide	1,127.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
149	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 17	FLARE17	Carbon Monoxide	4,364.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
150	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 18	FLARE18	Carbon Monoxide	137.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
151	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 19	FLARE19	Carbon Monoxide	4.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
152	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 20	FLARE20	Carbon Monoxide	3,957.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
153	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 21	FLARE21	Carbon Monoxide	270.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
154	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 3	FLARE3	Carbon Monoxide	3,590.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
155	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 4	FLARE4	Carbon Monoxide	2,487.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
156	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 5	FL5	Carbon Monoxide	15.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
157	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 6	FLARE6	Carbon Monoxide	104.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
158	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 F-529	SCU2F529	Carbon Monoxide	590.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
159	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Carbon Monoxide	12,621.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
160	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU3 D505	FCCU3WGS	Carbon Monoxide	11,966.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
161	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU3 F-103	FCCU3F103	Carbon Monoxide	163.00	3,804.09	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
162	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	HF3 MOV32 Flange Flash Fire		Carbon Monoxide	1.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
163	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	CLEU T-62 Feed Line Pinhole Leak		Carbon Monoxide	1.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
164	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 11	FLARE11	Carbon Monoxide	4,957.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
165	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 18	FLARE18	Carbon Monoxide	386.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
166	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 21	FLARE21	Carbon Monoxide	319.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
167	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare Stack 26	FS26	Carbon Monoxide	3.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
168	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 14	FLARE14	Carbon Monoxide	11,382.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
169	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 16	FLARE16	Carbon Monoxide	6.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submit of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	Carbon Monoxide	10,687.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drodz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	170														
171	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 6	FLARE6	Carbon Monoxide	1,260.00	3,804.09	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drodz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	172	118545	ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCUWGS	Carbon Monoxide	259,848.00	3736.48	Boilers B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	
173	121028	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Carbon Monoxide	31,863.00	3736.48	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
	174	123799	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Carbon Monoxide	5,037.00	3736.48	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	
175	124215	EMOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	Carbon Monoxide	1,549.00	3804.09	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	176	124215	EMOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	Carbon Monoxide	15.00	3804.09	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	
177	124215	EMOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	184 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	Carbon Monoxide	184.00	3804.09	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	178	124215	EMOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	F55	Carbon Monoxide	13.00	3804.09	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	
179	124215	EMOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02		Hydrocracker Unit 1	Flare 6	FLARE6	Carbon Monoxide	13.00	3804.09	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	180	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 16	FS16	Carbon Monoxide	305.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730M4.	
181	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	Carbon Monoxide	1.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	182	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	Carbon Monoxide	9.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	
183	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 17	FLARE17	Carbon Monoxide	129.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	184	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 20	FLARE20	Carbon Monoxide	3.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	
185	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	Carbon Monoxide	180.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	186	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	F55	Carbon Monoxide	1.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted
187	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 6	FLARE6	Carbon Monoxide	101.00	3736.48	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	188	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Carbon Monoxide	39,597.00	3736.48	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 17 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	
189	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 25	FL25	Carbon Monoxide	1.00	3736.48	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	already counted	
	190	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	103105 lbs of the 158287 lbs are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 26	FL26	Carbon Monoxide	158,107.00	3736.48	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	
191	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 27	FL27	Carbon Monoxide	1.00	3736.48	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	already counted	
	192	128824	ETSC 001237 - 001238; EMOMCS 00232142 - 0023148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flexicoker Waste Heat Boiler Bypass Stack		Carbon Monoxide	1,326.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.	
193	130569	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically permitted	Hydrocracker Unit 1	Flare17	FLARE17	Carbon Monoxide	1,566.00	3804.09	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted	
	194	130569	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare3	FL3	Carbon Monoxide	213.00	3804.09	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	
195	130569	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare6	FL6	Carbon Monoxide	104.00	3804.09	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted	
	196	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 20	FL20	Carbon Monoxide	42.83	3736.48	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted
197	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 29	FL29	Carbon Monoxide	8.58	3736.48	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	198	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 3	FL3	Carbon Monoxide	453.94	3736.48	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	
199	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 4	FLARE04	Carbon Monoxide	135.01	3736.48	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	200	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 5	FL5	Carbon Monoxide	709.72	3736.48	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	
201	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 6	FL6	Carbon Monoxide	171.32	3736.48	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	202	160474	ETSC 068131 - 068132	10/12/11 3:44	10/14/11 13:59	58:15	Portions are authorized under Permit #18287/PSD-TX-730.	Flexicoker	Flare Stack 26	FLARE26	Carbon Monoxide	42,924.10	3736.48		Emissions due to loss of flexicoker fractionator bottoms flow. Portions of emissions are authorized by Permit #18287/PSD-TX-730/M4/PLAT.
203	168056	ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	Portions may be authorized under Permit 18287/PSD-TX-730M4/PLAT.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14	FLARE14	Carbon Monoxide	253.02	3736.48	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PLAT.	already counted	
	204	178265	ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	873.90 lbs are authorized under permit 18287/PSD-TX-730M4.	Hydrocracking Unit 1	Flare Stack 14	FLARE14	Carbon Monoxide	851.70	3,736.48	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.	
205	78472/80119	ETSC 000897 - 000898; ETSC 000903 - 000904; EMOMCS 00232129 - 00232130	6/12/06 2:00	6/16/06 10:20	104:30	500 ppm limit per 40 CFR 63.1565(c)(1) and 400 ppm limit per 30 TAC 117.206(e)(1)	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber Stack	FCCU2WGS	Carbon Monoxide	98,121.00	0.00	During FCCU2 startup last month, CO RMACT II 1-hour average limit and NOx RACT CO 24-hour average limit from the Wet Gas Scrubber stack was exceeded. Portions of the refinery are authorized under Permit #18287.		



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
238	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 D505	FCCU3WGS	Hydrogen Cyanide	175.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	5	R-RQ
239	109166	ETSC 001103 - 001104	05/15/2008 17:00	07/25/2008 14:00	1701:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3	Hydrogen Cyanide	233.00	0.00	A malfunction of seal tank internals to the FCCU3 bypass stack caused emissions to escape through the stack. Portions of the refinery are authorized by PAL permit number 18287.	71	R-RQ
240	83377	ETSC 001053 - 001054	11/06/14:24	11/2/06 16:00	25:36	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Stack		Hydrogen Cyanide	38.00	0.00	Boiler SG-501A boiler tripped offline and regenerator flue gas was partially rerouted to the atmosphere. Regenerator flue gas from SG-501A also continued to be partially treated in the Wet Gas Scrubber. The boiler was promptly returned to service. The event has ended. The unit has returned to normal operations.	already counted	
241	106703	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	Permit 18287 - 8 lb authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubbe	FCCU3WGS	Hydrogen Cyanide	8.00	6014.44	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL	already counted	
242	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack		Hydrogen Cyanide	3.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	already counted	
243	118545	ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubbe	FCCUWGS	Hydrogen Cyanide	371.00	6014.44	Boilers B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
244	121025	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubbe	FCCU3WGS	Hydrogen Cyanide	45.00	6010.61	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	R-RQ
245	123799	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubbe	FCCU3WGS	Hydrogen Cyanide	5.00	6014.44	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
246	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubbe	FCCU3WGS	Hydrogen Cyanide	56.00	6010.61	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in TAC Chapter 117 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	R-RQ
247													TOTAL - HYDROGEN CYANIDE	106	104
248	6860	ETSC 000724 - 000725	11/29/05 16:00	11/30/05 4:30	12:30	No specific emissions authorizations for this facility	Propane Dewaxing Unit	Chiller Overhead Line		Hydrogen Sulfide	62.00	0.00	Flange leak on chiller overhead line at CV074-2 resulted in emissions to atmosphere. Cause is still under investigation.	1	
249	6870	ETSC 000726 - 000727	11/29/05 20:00	11/29/05 23:30	3:30	No specific emissions authorizations for this facility	Hydrofining Unit 9	HU9 T-371		Hydrogen Sulfide	38.00	0.00	Leak off of HU9 T-371 resulting in emissions to atmosphere. Cause is still under investigation.	1	
250	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 15	Flare15	Hydrogen Sulfide	3.80	15.68	Fire at Electrical Substation #5, servicing the lube plant. Resulted in trip of East Loop Flare Gas Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, POU & LU2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	1	F
251	76505	ETSC 000830 - 000831	5/31/06 9:15	5/31/06 9:20	0:05	Not specifically authorized	Hydrocracking Unit 1	D902 & D401	D902 & D401	Hydrogen Sulfide	267.00	0.00	Unit instability due to compressor C-701 issues resulted in depressuring to D-401 and D-902 atmospheric vents. The event has ended and unit personnel are restarting the unit. The VOC portion represents 0.6% and higher. Portions of HCU1 are authorized under permit #18267.	1	O-RQ, R-RQ, O-M, R-M
252	76597	ETSC 000826 - 000827	6/1/06 17:30	6/1/06 21:30	4:00	Not specifically authorized	Fuels East Flare System	Flare 14	FLARE14	Hydrogen Sulfide	2.00	0.00	Two pilot outages occurred on flare stack 14 over the course of 4 hours. VOCs are unspecified material. Portions of the Fuels East Flare System are authorized under permit #18267.	1	F
253	78440	ETSC 000881 - 000882	7/12/06 11:35	7/13/06 9:47	22:12	Not specifically authorized	Booster Station 4	Hole in piping at BS4		Hydrogen Sulfide	117.00	0.00	Pin hole leak on line at Booster Station 4. Portions of the Refinery are permitted under Permit #18287.	1	O-RQ, R-RQ
254	79486	ETSC 000877 - 000878	8/4/06 22:46	8/4/06 23:04	0:18	No specific authorization	Hydrocracker Unit	D902 & D401	D902 & D401	Hydrogen Sulfide	414.00	0.00	The HCU unit tripped off-line which resulted in depressuring to D-401 and D-902 atmospheric vents. Portions of the HCU unit are covered under permit #18287/PSD-TX-730-M3.	1	O-RQ, R-RQ
255	80931	ETSC 000862 - 000863	8/29/06 22:40	8/30/06 0:20	1:40	Not specifically authorized	Baytown Refinery Operating Units: FS14	Flare 14	FLARE14	Hydrogen Sulfide	11.09	0.00	Flameout on all pilot lights. Portions of the facility are authorized under permit number 18287.	1	F
256	83418	ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		Hydrogen Sulfide	150.00	0.00	Product stripper tower T-276 developed a pinhole leak. The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas oil (VOC-PGO). The small fire has ended and visible emissions from the pinhole have stopped. The VOC reported is C5 thru C8s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEQ.	1	O-RQ, R-RQ
257	83901	ETSC 001043 - 001044	11/15/06 1:00	11/15/06 5:00	4:00	Not specifically authorized	Catalytic Light Ends Unit 2	D-41 Line Pinhole	Pinhole Leak	Hydrogen Sulfide	168.00	0.00	A pinhole leak was discovered in an overhead line to a knockout drum (D-41) at the Catalytic Light Ends Unit (CLEU2). The event has ended. Portions of the Catalytic Light Ends Unit are covered under permit #18287.	1	O-RQ, R-RQ
258	85956	ETSC 001027 - 001028	1/11/07 20:25	1/11/07 21:10	0:45	Not specifically authorized	Gofiner	Gofiner Unit 1 Fugitives	GF1FUG	Hydrogen Sulfide	0.20	0.00	A seal on a pump failed which resulted in a release of hot gas oil vapors to the atmosphere. Portions of the Gofiner Unit are covered under Permit 18287/PSD-TX-730-M4.	1	
259	87852	ETSC 000991 - 000992	3/2/07 12:15	3/3/07 4:42	16:27		Low Btu Gas Fired Sources	Low Btu Gas Fired Sources	LBGSR	Hydrogen Sulfide	1.50	0.00	Equipment malfunction caused High H2S in the Low Btu Gas (LBG) system. Portions of the refinery are authorized under permit 18287 and PSD-TX-730MS. Emissions were intermittent between 4:30pm 3/1/07 and 3/1/08 at 3/2/07.	1	
260	95555	ETSC 000959 - 000960	8/7/07 7:13	8/7/07 8:33	1:20	Not specifically authorized	Sulfur Conversion Unit; Tail Gas Cleanup Unit	T-601	SCU2T601	Hydrogen Sulfide	567.00	0.00	A temporary loss of amine flow to absorber tower T-662 led to increased hydrogen sulfide levels in the Flexicoker Absorber Vessel T-601. The event has ended and the unit is back to normal operation. There was no impact to production and all customers' needs were met. Emissions from the Sulfur Conversion Unit (SCU2) are authorized under Flexible Permit #18287.	1	O-RQ, R-RQ
261	96518	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare 14	FLARE14	Hydrogen Sulfide	0.10	0.00	Shift in power supply to Hydrofining Unit 9 (HU9) resulted in depressuring to D-500 atmospheric vent. HU9 diversion resulted in flaring of Low Btu Gas normally used in HU9 furnaces. Portions of the BTTF Refinery are authorized by Flexi/PAL Permit No. 18290.	1	
262	120401	ETSC 001182 - 001183	02/21/2009 15:27	02/21/2009 18:55	3:28	Not specifically authorized	Hydrocracking Unit 1	HCU1 D401/D902 vents		Hydrogen Sulfide	1,928.00	0.00	A valve leaked into the atmospheric drums D401/D902. Portions of HCU1 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	O-RQ, R-RQ
263	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 4	FLARE4	Hydrogen Sulfide	1.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
264	128824	ETSC 001237 - 001238; ECMCS 00232142 - 0023148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flare Stack 26	FL26	Hydrogen Sulfide	1.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.	1	
265	130561	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	D 401/902		Hydrogen Sulfide	727.00	0.00	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	1	O-RQ, R-RQ
266	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 17	FLARE17	Hydrogen Sulfide	5.10	15.78	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	F
267	144896	ETSC 001327 - 001328	09/15/2010 13:59	09/15/2010 15:38	1:39	0.016 of total 0.610 lbs are authorized under Permit #18287/PSD-TX-730-730.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14 (FECC)	FLARE14	Hydrogen Sulfide	0.60	15.78	Instrumentation malfunction at reactor R3 caused the depressurization valves to open for approximately six minutes, resulting in an atmospheric release at HCU1 D401 D902 and flaring at FLARE14. Portions of this unit are authorized by Permit #18287/PSD-TX-730. The event has ended.	already counted	
268	149213	ETSC 001346 - 001348	01/06/2011 20:25	01/07/2011 2:25	6:00	Not specifically authorized	Naphtha Hydrofiner (NHF), Exchanger 702 D	Pinhole Leak	NA	Hydrogen Sulfide	3.00	0.00	Leak occurred at the thermowell on an exchanger. Portions of the unit emissions are authorized by Permit #18287. This event has ended.	1	
269	153388	ETSC 001368 - 001369	04/15/2011 20:15	04/15/2011 20:22	0:07	Not specifically authorized	HCU1	EBV 701 A/B	EBV 701 A/B	Hydrogen Sulfide	446.00	0.00	Malfunctioning temperature instrument caused depressuring through EBV 701 A/B. Emissions occurred intermittently beginning on 04/15/2011 at 8:15 PM until 04/16/2011 at 12:10 PM for a total of 8 minutes. RO was exceeded on 04/16/2011 at 12:50 AM. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL.	1	O-RQ, R-RQ, O-M, R-M
270	155977	ETSC 001372 - 001373	6/21/11 5:13	6/21/11 5:34	0:21	Not specifically authorized	Hydrocracking unit (HCU1)	Atmospheric vent	HCU1 D401 D902	Hydrogen Sulfide	192.00	0.00	Power disruption resulted in shutdown of the exchanger, causing atmospheric release at HCU1 D401 D902. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	O-RQ, R-RQ, O-M, R-M
271	156361	ETSC 001374 - 001375	6/30/11 21:29	6/30/11 22:36	1:07	Not specifically authorized	Hydrocracking unit (HCU1)	Atmospheric vent	HCU1 D401 D902	Hydrogen Sulfide	153.00	0.00	Exchanger leak resulted in subsequent unit shutdown and depressurization through EBV 701 A/B. Emissions of the unit are authorized by Permit #18287/PSD-TX-730.	1	O-RQ, R-RQ, O-M, R-M



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
300	10988	ETSC 001105 - 001106	06/22/2008 10:00	06/25/2008 1:00	63:00	18 lbs of 18 lbs are authorized	Claus Sulfur Recovery Unit	Flexorb Absorber Vent	SCU2R601	Hydrogen Sulfide	18.00	15.86	During a Claus D unit start-up, a sulfur condenser in the unit plugged causing the downstream flexorb absorber vent to exceed permit limits. Portions of the Refinery are authorized by PAL permit number 18287/PSD-TX-730M4.	already counted	
301	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 25	FS25	Hydrogen Sulfide	1.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
302	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 27	FLARE27	Hydrogen Sulfide	12.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
303	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 11	FLARE11	Hydrogen Sulfide	4.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
304	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 14	FLARE14	Hydrogen Sulfide	150.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	5	F, O-RQ, R-RQ
305	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 15	FLARE15	Hydrogen Sulfide	183.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
306	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 17	FLARE17	Hydrogen Sulfide	9.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
307	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 18	FLARE18	Hydrogen Sulfide	0.50	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
308	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 19	FLARE19	Hydrogen Sulfide	59.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
309	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 20	FLARE20	Hydrogen Sulfide	6.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
310	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 21	FLARE21	Hydrogen Sulfide	1.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
311	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 3	FLARE3	Hydrogen Sulfide	13.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
312	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 4	FLARE4	Hydrogen Sulfide	1.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
313	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 6	FLARE6	Hydrogen Sulfide	0.50	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
314	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 D-702	SCU2D702	Hydrogen Sulfide	14.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
315	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 F-529	SCU2F529	Hydrogen Sulfide	1.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
316	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 T601	SCU2T601	Hydrogen Sulfide	10.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
317	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	P57 Tower T-702 Overhead Leak		Hydrogen Sulfide	2.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
318	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 11	FLARE11	Hydrogen Sulfide	4.00	15.86	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
319	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 21	FLARE21	Hydrogen Sulfide	116.00	15.86	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
320	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 14	FLARE14	Hydrogen Sulfide	116.00	15.86	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
321	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	Hydrogen Sulfide	19.00	15.86	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
322	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 6	FLARE6	Hydrogen Sulfide	3,361.00	15.86	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	19	F, O-RQ, R-RQ
323	124212	EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	6 lbs of the 7 lbs are authorized	Hydrocracker Unit 1	Flare 14	FLARE14	Hydrogen Sulfide	7.00	15.86	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
324	124212	EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	Hydrogen Sulfide	1.00	15.86	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
325	124212	EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	1 lb is authorized	Hydrocracker Unit 1	Flare 4	FLARE4	Hydrogen Sulfide	1.00	15.86	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
326	124212	EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	FV-702	FV-702	Hydrogen Sulfide	2.00	15.86	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
327	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 16	FS16	Hydrogen Sulfide	0.60	6014.44	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desphasing Unit. Shutdown and subsequent unit clearing caused flaring. Portions of the Refinery are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
328	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Drums 401/902	D-401/902	Hydrogen Sulfide	372.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	1	O-RQ, R-RQ
329	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	FV-702	FV-702	Hydrogen Sulfide	10.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
330	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	Hydrogen Sulfide	1.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
331	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 17	FLARE17	Hydrogen Sulfide	2.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
2	Tracking Number	Bates # of first page of final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
332	125757 ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 20	FLARE20	Hydrogen Sulfide	1.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted		
333	125757 ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	Hydrogen Sulfide	1.00	15.78	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted		
334	126082 ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXX)	Flare Stack 25	FL25	Hydrogen Sulfide	1.00	15.78	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted		
335	126082 ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	1 lbs of the 372 lbs are authorized by Permit # 18287 & PSD-TX-730M4	Flexicoker (FXX)	Flare Stack 26	FL26	Hydrogen Sulfide	372.00	15.78	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	4	F, O-RQ, R-RQ	
336	130563 ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare14	FLARE14	Hydrogen Sulfide	1.00	15.86	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted		
337	130563 ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically permitted	Hydrocracker Unit 1	Flare17	FLARE17	Hydrogen Sulfide	4.00	15.86	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted		
338	130563 ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare3	FL3	Hydrogen Sulfide	1.00	15.86	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted		
339	134569 ETSC 001273 - 001274	01/14/2010 14:30	01/21/2010 1:50	155:20	Not specifically authorized	Gas Treating	Hole in Piping	Hydrogen Sulfide	575.50	0.00	Emissions from hole in piping to gas treating towers. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730.	already counted			
340	142407 ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit #18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 20	FL20	Hydrogen Sulfide	1.03	15.78	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted		
341	142407 ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit #18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 3	FL3	Hydrogen Sulfide	0.64	15.78	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted		
342	142407 ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit #18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 4	FLARE04	Hydrogen Sulfide	0.14	15.78	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted		
343	142407 ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit #18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 5	FL5	Hydrogen Sulfide	0.72	15.78	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted		
344	142407 ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit #18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 6	FL6	Hydrogen Sulfide	0.32	15.78	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted		
345	144890 ETSC 001327 - 001328	09/15/2010 13:59	09/15/2010 15:38	1:39	Not specifically authorized	Hydrocracking Unit 1 (HCU1)	HCU1 atmospheric vent	HCU1 D401 D902	Hydrogen Sulfide	346.00	0.00	Instrumentation malfunction at reactor R3 caused the depressurization valves to open for approximately six minutes, resulting in an atmospheric release at HCU1 D401 0902 and flaring at FLARE14. Portions of this unit are authorized by Permit #18287/PSD-TX-730. The event has ended.	1	O-RQ, R-RQ	
346	160475 ETSC 068131 - 068132	10/12/11 3:44	10/14/11 13:59	58:15	Portions are authorized under Permit #18287/PSD-TX-730	Flexicoker	Flare Stack 26	FLARE 26	Hydrogen Sulfide	2.05	15.78	Emissions due to loss of flexicoker fractionator bottoms flow. Portions of emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted		
347	168050 ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	Not specifically authorized	Hydrocracking Unit 1 (HCU1)	HCU1 atmospheric vent		Hydrogen Sulfide	1,891.00	0.00	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	1	O-RQ, R-RQ	
348	168050 ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	1.102 lbs of total 2.791 lbs are authorized under Permit #18287/PSD-TX-730M4/PAL7	Hydrocracking Unit 1 (HCU1)	Flare Stack 14	FLARE14	Hydrogen Sulfide	1.69	15.78	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted		
349	178267 ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	Not specifically authorized	Hydrocracking Unit 1	HCU1 atmospheric vent		Hydrogen Sulfide	756.00	0.00	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.	2	O-RQ, R-RQ	
350	178267 ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	0.11 lbs of the total 3.08 lbs are authorized under permit 18287/PSD-TX-730M4	Hydrocracking Unit 1	Flare Stack 14	FLARE14	Hydrogen Sulfide	2.97	15.78	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.	already counted		
351												TOTAL - HYDROGEN SULFIDE	121	82	
352	80443 ETSC 000864 - 000865	8/27/06 12:30	8/31/06 23:00	106:30	Not specifically authorized	Lube Extraction Unit 2	Hole in E3 Evaporator line		N-Methyl-2-pyrrolidone	195.00	0.00	Hole in E3 evaporator line leaked to atmosphere. Hole due to solvent NMP (n-Methyl-2-pyrrolidone) corrosion. Portions of the refinery are permitted under Permit #18287.	5	H	
353												TOTAL - NMP	5	5	
354	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 25	FS25	Nitrogen Dioxide	50.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	5	F, H	
355	66438 ETSC 000736 - 000737	10/14/05 2:47	10/14/05 20:21	17:34	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Bypass		Nitrogen oxide	349.00	0.00	upstart to an on. Cause of event currently under investigation.	1	H, R-RQ	
356	121025 ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Nitrogen oxide	3.00	0.00	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	H	
357	83379 ETSC 001053 - 001054	11/1/06 14:24	11/2/06 16:00	25:36	Not specifically authorized. 500 ppm limit per 40 CFR 63.1565 (c)(1) and 400 ppm limit per 30 TAC 117.206(e)(1)	Fluid Catalytic Cracking Unit 3	CO Boiler Bypass Stack		Nitrogen oxide	24.00	0.00	Boiler SG-501A Boiler tripped offline and regenerator flue gas was partially rerouted to the atmosphere. Regenerator flue gas from SG-501A also continued to be partially treated in the Wet Gas Scrubber. The boiler was promptly returned to normal operations. The event has ended. The unit has returned to normal operations.	2	H	
358	118545 ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Nitrogen oxide	11.00	0.00	Boilers B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	H	
359	118545 ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCUWG3	Nitrogen oxide	1,816.00	1775.47	Boilers B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted		
360	121025 ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Nitrogen oxide	244.00	1775.47	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4. During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of 1025 in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FWX301) & WHE-301 (FWXGTGWNB) and at the Delayed Coker Unit F-601 & F-502. These sources are listed in permit #18287.	already counted		
361	68273 ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	DCUF601	DCUF601	NOX	26.00	4165.67	Paint cans and wood-based material caught fire inside the firewall of Tank 801. The minor oil burned painting supplies and was put out minutes later. The ignition source was not determined.	1	H	
362	72945 ETSC 000776 - 000777	3/14/06 17:30	3/14/06 17:50	0:20	Not specifically authorized	Oil Movements	Tank 801 fire wall		NOX	0.17	0.00	Loss of MEA circulation on H2S scrubber tower T-854 causing Hydrogen Sulfide in the blend gas to exceed the NSPS limit of 160 ppm over a 3 hour average. Each fuel gas combustion device in the Fuels North area potentially received the hydrogen sulfide containing material. The emission sources are: F-801/802/803/804/410/402/403/404/405/301/266/901/701/2/01/227/707/703.	1		
363	73875 ETSC 000770 - 000771	4/2/06 14:30	4/2/06 19:00	4:30	Permit #18287 PSDTX730M3	Fuels North Gas Treating	Multiple FN Combustion Devices		NOX	1,080.60	3,424.96	Fire at Electrical Substation #5, servicing the lubes plant. Resulted in trip of East Loop Flare Gas Recovery Compressor and subsequent flaring off of the East Loop Flare System. Material routed to the flare included flows from MEK, LDU, PDU & LHU units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	1	H, R-RQ	
364	74965 ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 15	Flare15	NOX	257.30	33.60	Bearing failure in pump P-2 caused the engine to overheat and smoke. No actual flame was present. Portions of Cooling Tower 5 are covered under refinery permit 18287.	1	F, H	
365	75191 ETSC 000840 - 000841	5/1/06 16:20	5/1/06 16:50	0:30	Not specifically authorized	Cooling Tower 9	Pump P-2		NOX	0.01	0.00	Product stripper tower T-276 developed a pinhole leak. The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas (VOG-PGO). The small fire has ended and visible emissions from the pinhole have stopped. The VOC reported is C5 thru C8s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEQ.	1		
366	83410 ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		NOX	8.00	0.00	A small fire was discovered on a line to F-601 furnace at the Lube Hydrofining Unit 1 (LHU1). The event has ended. Portions of the Lube Hydrofining Unit are covered under permit #18287.	1	H	
367	84083 ETSC 001039 - 001041	11/20/06 1:00	11/20/06 4:00	3:00	Not specifically authorized	Lube Hydrofining Unit 1	F601 Line	Fire on Line	NOX	1.40	0.00	A small fire was discovered on a line to F-601 furnace at the Lube Hydrofining Unit 1 (LHU1). The event has ended. Portions of the Lube Hydrofining Unit are covered under permit #18287.	1	H	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
368	8785	ETSC 000991 - 000992	3/2/07 12:15	3/3/07 4:42	16:27	Permit 18287 & PSD-TX-730M3/PAL	Low Btu Gas Fired Sources	Low Btu Gas Fired Sources	LBGSRC	NOX	1,130.00	1914.29	Equipment malfunction caused High H2S in the Low Btu Gas (LBG) system. Portions of the refiners are authorized under permit 18287 and PSD-TX-730M3/PAL. Emissions were intermittent between 6:43pm 3/1/07 and 11/10am 3/2/07.	1	H, R-RQ
	96513	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare 14	FLARE14	NOX	7.00	0.00	Shift in power supply to Hydrofining Unit 9 (HU9) resulted in depressuring to D-500 atmospheric vent. HU9 diversion resulted in flaring of Low Btu Gas normally used in HU9 furnaces. Portions of the BTFR Refinery are authorized by Flex/PAL Permit No. 18291.	1	F, H
370	113088	ETSC 001126 - 001127	08/24/2008 15:30	08/24/2008 15:40	0:10	Not specifically authorized	Hydroformer 3	Reactor Vent	HF3RXVENT	NOX	0.10	0.00	A reactor was being air fired when material was released resulting in a fire. This event has ended. Portions of the HF3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730MA/PAL.	1	
	12575	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	9 of the 14 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	NOX	14.00	1775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	1	F, H
372	128586	ETSC 001224 - 001225	07/08/2009 11:00	07/08/2009 12:00	1:00		FCCU2	FCCU2 Wet Gas Scrubber	FCCU2WGS	NOX	23.32	1775.47	Loss of oxygen to FCCU2. A portion of emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M-4. Calculations show emissions were below reportable quantity.	1	H
	128824	ETSC 001237 - 001238; EMCMS 00232142 - 0023148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flare Stack 26	FL26	NOX	19.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.	1	F, H
373	130562	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare14	FLARE14	NOX	12.00	1914.29	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	1	F, H
	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 17	FLARE17	NOX	29.80	1747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	F, H
375	143351	ETSC 001323 - 001324	08/09/2010 17:10	08/09/2010 18:31	1:21	61.4 of the total 61.4 lbs are authorized by Permit #18287/PSD-TX-730	Fluidized Catalytic Cracking Unit	FCCU-3 Wet Gas Scrubber	FCCU3WGS	NOX	0.00	1747.18	A coupling on the common discharge header for the Wet Gas Scrubber Recirculation Pumps (P-501's) developed a leak on 8/8/2010. The P-501's were shut down to install a temporary clamp. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-9	1	
	144890	ETSC 001327 - 001328	09/15/2010 13:59	09/15/2010 15:38	1:39	0.772 of total 4.08 lbs are authorized under Permit #18287/PSD-TX-730.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14 (FECC)	FLARE14	NOX	3.31	1747.18	Instrumentation malfunction at reactor R3 caused the depressurization valves to open for approximately six minutes, resulting in an atmospheric release at HCU1 D401 D902 and flaring at FLARE14. Portions of this unit are authorized by Permit #18287/PSD-TX-730. The event has ended.	1	F, H
377	146940	ETSC 001341 - 001342	11/02/2010 2:00	11/02/2010 5:00	3:00	41 lbs of total 41 lbs are authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	Fluidized Catalytic Cracking Unit 2 (FCCU2)	FCCU2 Wet Gas Scrubber	FCCU2WGS	NOX	0.00	1747.18	Loss of oxygen to FCCU2 from third party supplier. Portions of emissions may be authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	1	
	168050	ETSC 072655 - 072658	5/1/12 17:39	5/12/2012 2:29	8:50	Portions may be authorized under Permit 18287/PSD-TX-730MA/PAL7	Hydrocracking Unit 1 (HCU1)	Flare Stack 11	FLARE11	NOX	9.75	1747.18	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730MA/PAL7.	1	F, H
380	179659	ETSC 072917 - 072918	2/22/13 18:24	2/23/13 1:31	7:07	35.1BS of total 35.1BS are authorized under Permit #18287/PSD-TX-730MA/PAL7	Fluid Catalytic Cracking Unit 3	Cat Regenerator	FCCU3WGS	NOx	0.00	1,747.18	CO Boiler trip resulted in emissions from the wet gas scrubber at the Fluidized Catalytic Cracking Unit 3 (FCCU3).	1	
	182659	ETSC 073046 - 073047	5/11/13 6:30	5/11/13 11:21	4:51	Not specifically authorized	Hydroformer 3	Flange		NOx	1.58	0.00	Flange leak on inlet line to Reactor 3	1	H
382	76444	ETSC 000915 - 000916	6/7/06 10:00	6/9/06 1:44	39:44	Permit #9163	Sulfur Conversion Unit	SCU2 F-549	SCU2 F-549	NOX	84.00	5.70	Restart of Claus B following inspection and repair. Natural gas will be routed to the F-549 incinerator during start-up.	2	H
	106703	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	No specific emissions authorized	Fluid Catalytic Cracking Unit 3	Bypass Stack	Bypass Stack	NOX	57.00	0.00	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730MA/PAL.	2	H
384	120028	ETSC 001180 - 001181	02/13/2009 19:00	02/15/2009 16:00	45:00	1843 lbs of 1843 are authorized by PAL Permit 18287/PSD-TX-730MA.	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCUWGS	NOX	1,843.00	1775.47	FCCU2 start up after planned shutdown for planned maintenance. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	2	H, R-RQ
	123795	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3 Bypass Stack	NOX	15.00	0.00	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	H
386	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 15	FS15	NOX	407.00	1775.47	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desalting Unit. Shutdown and subsequent unit clearing caused flaring. Portions of the refiners are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	F, H, R-RQ
	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	NOX	1,964.00	1775.47	CO Boiler GS501 tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 11/2/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730MA.	2	H, R-RQ
388	132406	ETSC 001247 - 001248	11/25/2009 7:59	11/26/2009 21:00	37:01	Not specifically authorized	FCCU3	FCCU3 Wet Gas Scrubber	FCCU3WGS	NOX	1,274.00	1775.47	Startup FCCU3 from planned maintenance. Event ended on 11/26/09 at 21:00, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 11/2/09 21:00. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	2	H, R-RQ
	178267	ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	4.33 lbs of the total 10.25 lbs are authorized under permit 18287/PSD-TX-730MA.	Hydrocracking Unit 1	Flare Stack 11	FLARE11	NOx	5.92	1,747.18	Compressor trip resulted in an atmospheric release at the HCU1 safety vent and safe utilization of the flare system.	2	F, H
390	160475	ETSC 061813 - 061832	10/12/11 3:44	10/14/11 13:59	58:15	Portions are authorized under Permit #18287/PSD-TX-730.	Flexicoker	Flare Stack 25	FLARE 25	NOX	1.50	1747.18	Emissions due to loss of flexicoker fractionator bottoms flow. Portions of emissions are authorized by Permit #18287/PSD-TX-730MA/PAL7.	3	F, H
	124215	EMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	NOX	1.00	1914.29	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	4	
392	126082	ETSC 0012121 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	15396 lbs of the 15396 lbs are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	FN Fired Sources		NOX	15,396.00	1775.47	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit #18287/PSD-TX-730M4.	4	H, R-RQ
	71454	ETSC 000784 - 000785	2/22/06 13:55	2/27/06 0:00	106:05	Not specifically authorized	Flexicoker Unit	GTG301 WHB Bypass Stack		NOX	114.00	0.00	Run in test of Flexicoker Unit GTG 301 resulting in turbine emissions being routed through the Waste Heat Boiler bypass stack.	5	H
394	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Not specifically authorized	Sulfur Conversion Unit 2	Furnace 702	SCU2F702	NOX	66.00	0.00	Water ingress from a suspected exchanger leak at Tail Gas Cleanout Unit C lead to reduced treatment of tail gas at SCU2. Portions of the emissions from SCU2F702 and SCU2I601 were authorized under Flexible PAL Permit #18287/PSD-TX-730M. Also, flexible Permit #18287 CS30 authorized emissions from SCU2J070.	5	H
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All Blend Gas Fired Sources		NOX	180.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730M4.	already counted	
396	72311	ETSC 000780 - 000781	2/27/06 9:00	3/5/06 7:00	142:00	18287	Flexicoker Unit	GTG301	FKWHB301	NOX	1,239.00	3,424.96	Start-up of the Flexicoker Gas Turbine after a unit turnaround. During start-up exceeded NOx RACT and MACT II CO Concentration limits of 400 ppm and 500 ppm. Portions of the Flexicoker are permitted under Permit #18287.	6	H, R-RQ
	134505	ETSC 001273 - 001274	01/14/2010 14:30	01/21/2010 1:50	155:20	Portions of these emissions may be authorized by Permit #18287	Gas Treating	Flare 20	FL20	NOX	1,164.35	1747.18	Emissions from hole in piping to gas treating towers. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730M.	7	F, H, R-RQ
398	82893	ETSC 001057 - 001058	10/20/06 3:00	10/28/06 12:00	201:00	Flexible Permit #18287	Fuels North	Fuels North Combustion Devices	FNCOMBDV	NOX	22,714.00	3424.96	The MEA Tower System had a leaking exchanger that resulted in increased levels of H2S in the blend gas system and in Tank 501. Each fuel gas combustion device in the Fuels North area potentially received the hydrogen sulfide containing material. The possible emission sources are: HSK- F901/926/701/801/802/803/804/401/402/403/404/405 HDS- F301/201/227/703 FKK- F301/WHB8301 Portions of the Refinery are authorized under permit 18287 and PSD-TX-730M3.	9	H, R-RQ

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
399	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All BG Fired Fired Units (SEE PERMIT)		NOX	314.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Drodz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	19	H, R-RQ
400	109166	ETSC 001103 - 001104	05/15/2008 17:00	07/25/2008 14:00	1701:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3	NOX	157.00	0.00	A malfunction of seal tank internals to the FCCU3 bypass stack caused emissions to escape through the stack. Portions of the refinery are authorized by PAL permit number 18287.	71	H
401	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	DCUF602	DCUF602	NOX	25.00	4165.67	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGTGWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
402	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	FXK WHB 301	FXKGTGWHB	NOX	11.00	4165.67	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGTGWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
403	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Permit #18287	Flexicoker Unit & Delayed Coker Unit	FXKF301	FXKF301	NOX	11.00	4165.67	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGTGWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
404	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Substation 5 - Transformers TS01, TS02 & TS03		NOX	4.30	0.00	Fire at Electrical Substation #5, serving the lubes plant. Resulted in trip of East Loop Gas Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	already counted	
405	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 16	Flare16	NOX	9.00	33.60	Fire at Electrical Substation #5, serving the lubes plant. Resulted in trip of East Loop Gas Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	already counted	
406	96518	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare Stack 26	FS26	NOX	8.00	0.00	Shift in power supply to Hydrofining Unit 9 (HU9) resulted in depressuring to D-500 atmospheric vent. HU9 diversion resulted in flaring of Low Btu Gas normally used in HU9 furnaces. Portions of the BTTR Refinery are authorized by Flex/PAL Permit No. 18295	already counted	
407	106705	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	Permit 18287 - 2963 lb authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	NOX	2,963.00	1914.29	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL	already counted	
408	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	NOX	2.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
409	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 27	FLARE27	NOX	242.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
410	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 11	FLARE11	NOX	207.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
411	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 14	FLARE14	NOX	513.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
412	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 15	FLARE15	NOX	207.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
413	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 17	FLARE17	NOX	799.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
414	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 18	FLARE18	NOX	25.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
415	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 19	FLARE19	NOX	4.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
416	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 20	FLARE20	NOX	725.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
417	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 21	FLARE21	NOX	50.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
418	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 3	FLARE3	NOX	659.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
419	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 4	FLARE4	NOX	457.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
420	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 5	FL5	NOX	3.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
421	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 6	FLARE6	NOX	20.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
422	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 F-529	SCU2F529	NOX	71.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
423	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCU2WGS	NOX	1,905.00	1,914.29	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
424	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	HF3 MOV32 Flange Flash Fire		NOX	1.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Drodz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
425	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 11	FLARE11	NOX	911.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Drodz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
426	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 18	FLARE18	NOX	71.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CEDS requirements. The STEERS contact (Jim Drodz) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
427	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 21	FLARE21	NOX	2,092.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare Stack 26	FS26	NOX	1.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
428	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 14	FLARE14	NOX	2,092.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 16	FLARE16	NOX	1.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
429	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	NOX	1,956.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 6	FLARE6	NOX	451.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
430	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	NOX	1,956.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 6	FLARE6	NOX	451.00	1,914.29	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		
431	123795	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	NOX	502.00	1,775.47	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of the units are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
	124211	EOCMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	NOX	285.00	1,914.29	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
435	124211	EOCMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	NOX	3.00	1,914.29	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	124211	EOCMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	34 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	NOX	34.00	1,914.29	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
436	124211	EOCMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	FSS	NOX	3.00	1,914.29	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	124211	EOCMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02		Hydrocracker Unit 1	Flare 6	FLARE6	NOX	3.00	1,914.29	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
438	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 16	FS16	NOX	56.00	1,775.47	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desulfating Unit. Shutdown and subsequent unit clearing caused flaring. Portions of the Refinery are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	NOX	1.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
441	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	NOX	2.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 17	FLARE17	NOX	24.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
443	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 20	FLARE20	NOX	1.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	NOX	33.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
444	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	FSS	NOX	1.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 6	FLARE6	NOX	19.00	1,775.47	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		
447	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 25	FL25	NOX	1.00	1,775.47	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	2255 lbs of the 3432 lbs are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 26	FL26	NOX	3,432.00	1,775.47	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.		
449	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 27	FL27	NOX	1.00	1,775.47	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	128824	ETSC 001237 - 001238; EOBCMCS 00232142 - 00232148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flexicoker Waste Heat Boiler Bypass Stack		NOX	291.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.		
451	130562	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically permitted	Hydrocracker Unit 1	Flare17	FLARE17	NOX	288.00	1,914.29	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted	
	130562	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare3	FL3	NOX	40.00	1,914.29	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.		
453	130562	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare6	FL6	NOX	19.00	1,914.29	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted	
	142401	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 20	FL20	NOX	7.60	1,747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.		
455	142401	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 29	FL29	NOX	1.58	1,747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	142401	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 3	FL3	NOX	83.43	1,747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.		
456	142401	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 4	FLARE04	NOX	24.81	1,747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	142401	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 4	FLARE04	NOX	24.81	1,747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
458	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 5	FL5	NOX	130.43	1747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4.	already counted	
459	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 6	FL6	NOX	31.49	1747.18	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4.	already counted	
460	160475	ETSC 068131 - 068132	10/12/11 3:44	10/14/11 13:59	58:15	Portions are authorized under Permit #18287/PSD-TX-730	Flexicoker	Flare Stack 26	FLARE 26	NOX	897.47	1747.18	Emissions due to loss of flexicoker fractionator bottoms flow. Portions of emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted	
461	168056	ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	Portions may be authorized under Permit 18287/PSD-TX-730M4/PAL7.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14	FLARE14	NOX	46.50	1747.18	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted	
462	178267	ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	4.08 lbs of the total 160.61 lbs are authorized under permit 18287/PSD-TX-730M4.	Hydrocracking Unit 1	Flare Stack 14	FLARE14	NOx	156.53	1,747.18	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.	already counted	
463													SUBTOTAL of NOX	181	172
464	7294	ETSC 000776 - 000777	3/14/06 17:30	3/14/06 17:50	0:20	Not specifically authorized	Oil Movements	Tank 801 fire wall		OPACITY	100.00%	0.00	Paint cans and wood-based materials caught fire inside the firewall of Tank 801. The minor fire only burned painting supplies and was put out minutes later. The ignition source was not determined.	1	S, H
465	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Substation 5 - Transformers TS01, TS02 & TS03		OPACITY	100.00%	0.00%	Fire at Electrical Substation 5, servicing the lubes plant. Resulted in trip of East Loop Flare Gas Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	1	S, H
466	7519	ETSC 000840 - 000841	5/1/06 16:20	5/1/06 16:50	0:30	Not specifically authorized	Cooling Tower 9	Pump P-2		OPACITY	100.00%	0.00%	Bearing failure in pump P-2 caused the engine to overheat and smoke. No actual flame was present. Portions of Cooling Tower 9 are covered under refinery permit 18287.	1	S, H
467	83410	ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		OPACITY	100.00%	0.00%	Product stripper tower T-276 developed a pinhole leak. The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas oil (VOC-PGO). The small fire has ended and visible emissions from the tower have stopped. The VOC reported is C5 thru C8s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEQ.	1	S, H
468	84083	ETSC 001039 - 001041	11/20/06 1:00	11/20/06 4:00	3:00	Not specifically authorized	Lube Hydrofining Unit 1	F601 Line	Fire on Line	OPACITY	100.00%	0.00%	A small fire was discovered on a line to F-601 furnace at the Lube Hydrofining Unit 1 (LHU1). The event has ended. Portions of the Lube Hydrofining Unit are covered under permit #18287.	1	S, H
469	85965	ETSC 001027 - 001028	1/11/07 20:25	1/11/07 21:10	0:45	Not specifically authorized	Gofiner	Gofiner Unit 1 Fugitives	GF1FUG	OPACITY	80.00%	0.00%	A seal on a unit pump failed which resulted in a release of hot gas oil vapors to the atmosphere. Portions of the Gofiner Unit are covered under Permit 18287-PSD-TX-730-M4.	1	S, H
470	113088	ETSC 001126 - 001127	08/24/2008 15:30	08/24/2008 15:40	0:10	30 TAC 111	Hydroformer 3	Radiator Vent	HF3RXVENT	OPACITY	95.00%	30.00%	A reactor was being air fired when material was released resulting in a fire. This event has ended. Portions of the HF3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	1	S, H
471	126510	ETSC 072689 - 072690	06/28/2009 6:00	06/28/2009 6:12	0:12	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730	Pipestill 8	Furnace 801	PS8F801	OPACITY	85.00%	0.00%	Excess opacity observed from furnace 801 when began to start up after shut down. Portions of the refinery are authorized by Permit #18287/PSD-TX-730.	1	S, H
472	138187	ETSC 072691 - 072692	04/10/2010 16:00	04/10/2010 16:30	0:30	30 TAC 111	Hydrodesulfurization Unit 1 Furnace F702 (HDU1/F702)	HDU-1	HDU1F702	Opacity	60.00%	0.30	Furnace F702 experienced low combustion efficiency. Portions of the Furnace F702 emissions are authorized by Permit #18287/PSD-TX-730. Event has ended.	1	S, H
473	149712	ETSC 001349 - 001350	01/22/2011 6:00	01/22/2011 7:20	1:20	Not specifically authorized	Lubes Extraction Unit 2, LXU2	Furnace B2	NA	Opacity	100.00%	0.00%	Opacity exceedance from Furnace B2 at Lubes Extraction Unit 2 while bringing unit down for pinhole leak. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730M4/PAL7. Event has ended.	1	S, H
474	159551	ETSC 068127 - 068128	9/22/11 11:28	9/22/11 11:43	0:15	Opacity occurred intermittently over a 15 minute duration	Fluid Catalytic Cracking Unit 3 (FCCU3)	Flare 11	FLARE 11	Opacity	100.00%	0.00	Opacity occurred at Flares 11 and 14 intermittently for 15 minutes. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	F, S, H
475	160029	ETSC 068129 - 068130	10/3/11 14:13	10/3/11 14:23	0:10	Portions are authorized under Permit #18287/PSD-TX-730M4/PAL7	Oil Movements Area 3	Pump Slab Sample Point		Opacity	85.00%	30.00%	Opacity due to unplanned combustion event at pump slab sample point. Portions of these emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7. The event has ended.	1	S, H
476	167161	ETSC 068646 - 068647	4/12/12 16:30	4/12/12 16:38	0:08	Opacity occurred intermittently over an 8 minute duration		Flare 5	FL5	Opacity	100.00%	0.00	Opacity occurred at Flares 6 and 6 intermittently for 8 minutes. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	1	F, S, H
477	167161	ETSC 068646 - 068647	4/12/12 16:30	4/12/12 16:38	0:08	Opacity occurred intermittently over an 8 minute duration		Flare 6	FL6	Opacity	100.00%	0.00	Opacity occurred at Flares 6 and 6 intermittently for 8 minutes. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	1	F, S, H
478	180113	ETSC 072921 - 072922	3/6/13 10:57	3/6/13 11:12	0:15	Opacity occurred intermittently over a 15 minute duration	Propane Dewaxing Unit	Flare Stack 16	FLARE16	Opacity	100.00%	0.00%	Opacity occurred at Flare Stack 16 intermittently for 15 minutes due to failure of the steam regulator to automatically open.	1	F, S, H
479	182699	ETSC 073046 - 073047	5/11/13 6:30	5/11/13 11:21	4:51	Opacity was from 6:30 to 6:45. Not specifically authorized.	Hydroformer 3	Flange		Opacity	100.00%	0.00	Flange leak on inlet line to Reactor 3	1	S, H
480	106701	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	30 TAC 111(a)(C)	Fluid Catalytic Cracking Unit 3	Bypass Stack	Bypass Stack	OPACITY	50.00%	15.00%	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL7.	2	S, H
481	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Fan FD-520 Motor,		OPACITY	20.00%	0.00%	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/23/09 18:40, but the 24 hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 6/2/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL7.	2	S, H
482	114750	ETSC 001164 - 001166	09/28/2008 11:00	10/04/2008 1:00	134:00	Permit #18287 & PSD-TX-730M4	Base Sour Water Unit	Flare 6	FLARE6	OPACITY	100.00%	0.00	These incremental startup emissions are due to Hurricane Ike-related fouling of SCU2. The fouling resulted in acid gas being temporarily rerouted to flares and incinerators. Emissions from other refinery EPNs are consistent with the two earlier hurricane startup reports (Incident tracking numbers 114161 and 114157). Emissions are included in STEERS 114161 and 114157 STARTUP. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	6	F, S, H
483	82898	ETSC 001057 - 001058	10/20/06 3:00	10/28/06 12:00	201:00	Not specifically authorized	Fuels North Combustion Devices		FNCOMBDV	OPACITY	100.00%	0.00%	The possible emission sources are: HSK: F901/926/701/801/802/804/401/402/403/404/405 HDS: F301/201/227/703 FKK: F301/WHB301 Portions of the Refinery are authorized under permit 18287 and PSD-TX-730M3.	9	S, H
484	114750	ETSC 001164 - 001166	09/28/2008 11:00	10/04/2008 1:00	134:00	Permit #18287 & PSD-TX-730M4	Base Sour Water Unit	Flare 19	FLARE19	OPACITY	100.00%	0.00	These incremental startup emissions are due to Hurricane Ike-related fouling of SCU2. The fouling resulted in acid gas being temporarily rerouted to flares and incinerators. Emissions from other refinery EPNs are consistent with the two earlier hurricane startup reports (Incident tracking numbers 114161 and 114157). Emissions are included in STEERS 114161 and 114157 STARTUP. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	already counted	
485	114750	ETSC 001164 - 001166	09/28/2008 11:00	10/04/2008 1:00	134:00	Permit #18287 & PSD-TX-730M4	Base Sour Water Unit	Flare 22	FLARE22	OPACITY	100.00%	0.00	These incremental startup emissions are due to Hurricane Ike-related fouling of SCU2. The fouling resulted in acid gas being temporarily rerouted to flares and incinerators. Emissions from other refinery EPNs are consistent with the two earlier hurricane startup reports (Incident tracking numbers 114161 and 114157). Emissions are included in STEERS 114161 and 114157 STARTUP. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	already counted	
486	114750	ETSC 001164 - 001166	09/28/2008 11:00	10/04/2008 1:00	134:00	Permit #18287 & PSD-TX-730M4	Sulfur Conversion Unit 2	SCU2FS29	SCU2FS29	OPACITY	100.00%	0.00	These incremental startup emissions are due to Hurricane Ike-related fouling of SCU2. The fouling resulted in acid gas being temporarily rerouted to flares and incinerators. Emissions from other refinery EPNs are consistent with the two earlier hurricane startup reports (Incident tracking numbers 114161 and 114157). Emissions are included in STEERS 114161 and 114157 STARTUP. Portions of the refinery are permitted under Permit 18287/PSD-TX-730M4.	already counted	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
2	Tracking Number	Bates # of first Page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
487	114755	ETSC 001164 - 001166	09/28/2008 11:00	10/04/2008 1:00	134:00	Permit #18287 & PSD-TX-730M4	Sulfur Conversion Unit 2	SCU2F702	SCU2F702	OPACITY	50.00%	0.00	These incremental startup emissions are due to Hurricane Ike-related fouling of SCU2. The fouling resulted in acid gas being temporarily rerouted to flares and incinerators. Emissions from other refinery EPNs are consistent with the two earlier hurricane startup reports (Incident tracking numbers 114161 and 114157). Emissions are included in STEERS 114161 and 114157 STARTUP. Portions of the refinery are permitted under Permit #18287/PSD-TX-730M4.	already counted	
488	126110	ETSC 072689 - 072590	06/28/2009 6:00	06/28/2009 6:12	0:12	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730	Pipestill 8	Furnace 802	PS8F802	OPACITY	85.00%	0.00%	Excess opacity observed from furnace as unit began to start up down. Portions of the refinery are authorized by Permit #18287/PSD-TX-730.	already counted	
489	159551	ETSC 068127 - 068128	9/22/11 11:28	9/22/11 11:43	0:15	Opacity occurred intermittently over a 15 minute duration	Fluid Catalytic Cracking Unit 3 (FCCU3)	Flare 14	FLARE 14	Opacity	100.00%	0.00	Opacity occurred at Flares 11 and 14 intermittently for 15 minutes. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
490													SUBTOTAL OF OPACITY	35	35
491	66438	ETSC 000736 - 000737	10/14/05 2:47	10/14/05 20:21	17:34	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Bypass		Particulate Matter	1,271.00	0.00	FCCU3 1 Boiler tripped offline at 2:47 and again shortly after start-up at noon. Cause of event currently under investigation.	1	S, H
492	121025	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Particulate Matter	9.00	0.00	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	S, H
493	126586	ETSC 001224 - 001225	07/08/2009 11:00	07/08/2009 12:00	1:00		FCCU2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Particulate Matter	55.00	554.40	Loss of oxygen to FCCU2. A portion of emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M-4. Calculations show emissions were below reportable quantity.	1	S, H
494	143353	ETSC 001323 - 001324	08/09/2010 17:10	08/09/2010 18:31	1:21	1074.4 lb of the total 1157.2 lbs are authorized by Permit #18287/PSD-TX-730	Fluidized Catalytic Cracking Unit	FCCU3 Wet Gas Scrubber	FCCU3WGS	Particulate Matter	82.80	554.40	A coupling on the common discharge header for the Wet Gas Scrubber Recirculation Pumps (#-501's) developed a leak on 8/8/2010. The P-501's were shut down to install a temporary clamp. Portions of the unit emissions are authorized by Permit #18287/PSD-TX10	1	S, H
495	146940	ETSC 001341 - 001342	11/02/2010 2:00	11/02/2010 5:00	3:00	166 lbs of total 166 lbs are authorized by Flex PAL Permit #18287/PSD-TX-730M-4	Fluidized Catalytic Cracking Unit 2 (FCCU2)	FCCU2 Wet Gas Scrubber	FCCU2WGS	Particulate Matter	0.00	554.40	Loss of oxygen to FCCU2 from third party supplier. Portions of emissions may be authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	1	
496	187800	ETSC 073073 - 073074	8/27/13 8:30	8/27/13 16:45	8:20	675 lbs of total 675 lbs are authorized under Permit #18287/PSD-TX-730M4/PAL7	Fluidized Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Particulate Matter	0.00	570.71	FCCU3 Selective Catalytic Reduction (SCR) system tripped causing NOx emissions to increase.	1	
497	83379	ETSC 001053 - 001054	11/1/06 14:24	11/2/06 16:00	25:36	Not specifically authorized 500 ppm limit per 40 CFR 63.1565 (c)(1) and 400 ppm limit per 30 TAC 117.206(e)(1)	Fluid Catalytic Cracking Unit 3	CO Boiler Bypass Stack		Particulate Matter	44.00	0.00	Boiler SG-501A boiler tripped offline and regenerator flue gas was partially rerouted to the atmosphere. Regenerator flue gas partial SG-501A also continued to be partially treated in the Wet Gas Scrubber. The boiler was promptly returned to service. The event has ended. The unit has returned to normal operations.	2	S, H
498	106703	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	No specific emissions authorized	Fluid Catalytic Cracking Unit 3	Bypass Stack	Bypass Stack	Particulate Matter	803.00	0.00	Boiler A/B/C tripped offline. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	2	S, H
499	120022	ETSC 001180 - 001181	02/13/2009 19:00	02/15/2009 16:00	45:00	2476 lbs of 2476 are authorized by PAL Permit #18287/PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCUWGS	Particulate Matter	2,476.00	554.40	FCCU2 start up after planned shutdown for planned maintenance. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	2	S, H
500	123795	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3 Bypass Stack	Particulate Matter	503.00	0.00	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	S, H
501	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Particulate Matter	2.00	0.00	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40. The 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	S, H
502	132400	ETSC 001247 - 001248	11/25/2009 7:59	11/26/2009 21:00	37:01	Not specifically authorized	FCCU3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Particulate Matter	1,384.00	554.40	Startup FCCU3 from planned maintenance. Event ended on 11/26/09 at 21:00, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 11/27/09 21:00. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	2	S, H
503	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Not specifically authorized	Sulfur Conversion Unit 2	Furnace 702	SCU2F702	Particulate Matter	6.00	0.00	Water ingress from a suspected exchanger leak at Tall Gas Cleanup Unit C lead to reduced treatment of tall gas at SCU2. Portions of the emissions from SCU2F702 and SCU2T601 were authorized under Flexible PAL Permit #18287/PSD-TX-730M. Also, flexible Permit #18287 SC03 authorized emissions from SCU2D702.	5	S, H
504	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 F-529	SCU2F529	Particulate Matter	1.00	571.11	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	5	
505	109166	ETSC 001103 - 001104	05/15/2008 17:00	07/25/2008 14:00	1701:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3	Particulate Matter	369.00	0.00	A malfunction of seal tank internals to the FCCU3 bypass stack caused emissions to escape through the stack. Portions of the refinery are authorized by PAL permit number 18287.	71	S, H
506	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Particulate Matter	15.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	already counted	
507	121025	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Particulate Matter	83.00	554.40	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
508	123795	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Particulate Matter	118.00	554.40	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
509	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Particulate Matter	1,087.00	554.40	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
510	179694	ETSC 072917 - 072918	2/22/13 18:24	2/23/13 1:31	7:07	393 LBS of total 393 LBS are authorized under Permit #18287/PSD-TX-730M4/PAL7	Fluid Catalytic Cracking Unit 3	Cat Regenerator	FCCU3WGS	PM (unspecified)	0.00	570.71	CO Boiler trip resulted in emissions from the wet gas scrubber at the Fluidized Catalytic Cracking Unit 3 (FCCU3).	1	
511	182695	ETSC 073046 - 073047	5/11/13 6:30	5/11/13 11:21	4:51	Not specifically authorized	Hydroformer 3	Flange		PM (unspecified)	0.13	0.00	Flange leak on inlet line to Reactor 3	1	
512													TOTAL- PM	101	92
513	87852	ETSC 000991 - 000992	3/2/07 12:15	3/3/07 4:42	16:27	Not specifically authorized	Low Btu Gas Fired Sources	Low Btu Gas Fired Sources	LBGSRC	Sulfur	0.81	0.00	Equipment malfunction caused High H2S in the Low Btu Gas (LBG) system. Portions of the refinery are authorized under permit 18287 and PSD-TX-730M4/PAL. Emissions were intermittent between 6:43pm 3/1/07 and 11/10am 3/2/07.	1	
514	96519	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare Stack 26	FS26	Sulfur	0.30	0.00	Shift in power supply to Hydrofining Unit 9 (H9) resulted in depressuring to D-500 atmospheric vent. H9 diversion resulted in flaring of Low Btu Gas normally used in H9 furnaces. Portions of the BTB Refinery are authorized by PAL permit number 18287.	1	
515	66884	ETSC 000734 - 000735	11/1/05 8:51	11/2/05 13:46	28:55	Not specifically authorized	Hydrofining Unit 4	Flare Stack 26	FS26	Sulfur	21.00	0.00	HF4 furnace maintenance resulting in flaring of Low Btu Gas (LBG) normally consumed by the furnace.	2	
516	128824	ETSC 001237 - 001236; EOMCS 0023142 - 0023148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flare Stack 26	FL26	Sulfur Compounds	4.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.	1	
517													SUBTOTAL OF SULFUR COMPOUNDS	5	
518	66438	ETSC 000736 - 000737	10/14/05 2:47	10/14/05 20:21	17:34	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Wet Gas Scrubber Bypass		Sulfur Dioxide	11,441.00	0.00	SCU2 F1 Boiler tripped offline at 2:47 and again shortly after start-up at noon. Cause of event currently under investigation.	1	O-RQ, R-RQ
519	68273	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Not specifically authorized	Flexicoker Unit & Delayed Coker Unit	DCUF601	DCUF601	Sulfur Dioxide	634.00	0.00	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in gas. This fuel gas is used at the Flexicoker Unit Furnace E-301 (FXXE301) & WHB-301 (FXXWHB301) and the Delayed Coker Unit F-601 & F-602. These sources are listed in permit 18287.	1	O-RQ, R-RQ
520	72945	ETSC 000776 - 000777	3/14/06 17:30	3/14/06 17:50	0:20	Not specifically authorized	Oil Movements	Tank 801 fire wall		Sulfur Dioxide	0.02	0.00	Paint cans and wood-based material caught fire inside the firewall of Tank 801. The minor fire only burned painting supplies and was put out minutes later. The ignition source was not determined.	1	
521	73875	ETSC 000770 - 000771	4/2/06 14:30	4/2/06 19:00	4:30	Permit #18287 PSDTX730M3	Fuels North Gas Treating	Multiple FN Combustion Devices		Sulfur Dioxide	12,051.00	3,629.75	Loss of MEA circulation on H2S scrubber tower T-854 causing Hydrogen Sulfide in the blend gas to exceed the NSPS 1 limit of 160 ppm over a 3 hour average. Each fuel gas combustion device in the Fuels North area potentially received the hydrogen sulfide containing material. The emission sources are: 1- 801/802/803/804/410/402/403/404/405/301/926/901/701/2 01/227/702/703.	1	O-RQ, R-RQ

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation S & East Loop Flare System	Flare 15	Flare15	Sulfur Dioxide	351.40	39.00	Fire at Electrical Substation #5, servicing the lubes plant. Resulted in trip of East Loop Flare Gas Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, POU & LH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEO Region 12. Portions of the Refinery are permitted under Permit #18287.	1	F
522	83410	ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		Sulfur Dioxide	56.00	0.00	Product stripper tower T-276 developed a pinhole leak. The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas oil (VOC-PGO). The small fire has ended and visible emissions from the pinhole have stopped. The VOC reported is CS thru C8s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEO.	1	
523	84081	ETSC 001039 - 001041	11/20/06 1:00	11/20/06 4:00	3:00	Not specifically authorized	Lube Hydrofining Unit 1	F601 Line	Fire on Line	Sulfur Dioxide	87.00	0.00	A small fire was discovered on a line to F-601 furnace at the Lube Hydrofining Unit 1 (LHU1). The event has ended. Portions of the Lube Hydrofining Unit are covered under permit #18287.	1	
524	87852	ETSC 000991 - 000992	3/2/07 12:15	3/3/07 4:42	16:27	Emission limit 160 ppm H2S 3-hour average (NSPS-J)	Low Btu Gas Fired Sources	Low Btu Gas Fired Sources	LBGSRC	Sulfur Dioxide	11,294.00	0.00	Equipment malfunction caused High H2S in the Low Btu Gas (LBG) system. Portions of the refinery are authorized under permit 18287 and PSD-TX /PAL. Emissions were intermittent between 4:43pm 3/1/07 and 11/10am 3/2/07.	1	O-RQ, R-RQ
525	96513	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare 14	FLARE14	Sulfur Dioxide	6.60	0.00	Shift in power supply to Hydrofining Unit 9 (H9) resulted in depressuring to D-500 atmospheric level. H9 diversion resulted in flaring of Low Btu Gas normally used in H9 furnaces. Portions of the BTFR Refinery are authorized by Flex/PAL Permit No. 18292	1	F
526	113086	ETSC 001126 - 001127	08/24/2008 15:30	08/24/2008 15:40	0:10	Not specifically authorized	Hydroformer 3	Reactor Vent	HF3RXVENT	Sulfur Dioxide	0.10	0.00	A reactor was being air freed when material was released resulting in a fire. This event has ended. Portions of the HF3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	1	
527	121025	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack		Sulfur Dioxide	171.00	0.00	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	
529	125755	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 4	FLARE4	Sulfur Dioxide	28.00	3242.67	HCU1 shutdown. Portions of the unit are authorized by Permit #18287/PSD-TX-730M4.	1	F
530	126586	ETSC 001224 - 001225	07/08/2009 11:00	07/08/2009 12:00	1:00		FCCU2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Sulfur Dioxide	17.72	3242.67	Loss of oxygen to FCCU2. A portion of emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M4. Carbon monoxide emissions exceed bolide reporting quantity.	1	
531	128824	ETSC 001237 - 002338, EOMCS 00232142 - 00232148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flare Stack 26	FL26	Sulfur Dioxide	2.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.	1	F
532	130563	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare14	FLARE14	Sulfur Dioxide	85.00	3317.49	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	1	F
533	133051	ETSC 001249 - 001250	12/09/2009 7:45	12/09/2009 14:00	6:15	Not specifically authorized	Oil Movements Area 3	Tank 667	TKo667	Sulfur Dioxide	397.00	0.00	Liquid sulfur product in tank ignited. Duration of excess opacity event was 15 minutes. Portions of the unit are authorized by Permit #18287/PSD-TX-730.	1	
534	142404	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit #18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 17	FLARE17	Sulfur Dioxide	471.00	3242.67	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	F
535	143353	ETSC 001323 - 001324	08/09/2010 17:10	08/09/2010 18:31	1:21	150.7 lbs of the total 1501.3 lbs are authorized by Permit #18287/PSD-TX-730.	Fluidized Catalytic Cracking Unit	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur Dioxide	1,393.40	3242.67	A coupling on the common discharge header for the Wet Gas Scrubber Recirculation Pumps (P-501's) developed a leak on 8/8/2010. The P-501's were shut down to install a temporary clamp. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	O-RQ, R-RQ
536	144896	ETSC 001327 - 001328	09/15/2010 13:59	09/15/2010 15:38	1:39	1,445 of total 56,223 lbs are authorized under Permit #18287/PSD-TX-730.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14 (FECC)	FLARE14	Sulfur Dioxide	54.79	3242.67	Instrumentation malfunction at reactor R3 caused the depressurization valves to open for approximately six minutes, resulting in an atmospheric release at HCU1 D401 D902 and flaring at FLARE14. Portions of this unit are authorized by Permit #18287/PSD-TX-730. The event has ended.	1	F
537	146177	ETSC 001329 - 001330	10/15/2010 22:00	10/16/2010 0:00	2:00	6485 pounds of total 8737 pounds are authorized under Permit #18287/PSD-TX-730M4/PAL7.	Gofiner1 (GF1)	Flare Stack 20	FL20	Sulfur Dioxide	2,252.00	3242.67	Flaring emissions due to GF1 start up activities. Portions of the unit emissions may be authorized under Permit #18287/PSD-TX-703M4/PA7. This event has ended.	1	F, O-RQ, R-RQ
538	146940	ETSC 001341 - 001342	11/02/2010 2:00	11/02/2010 5:00	3:00	10 lbs of total 10 lbs are authorized by Flex PAL Permit #18287/PSD-TX-730M4-4	Fluidized Catalytic Cracking Unit 2 (FCCU2)	FCCU2 Wet Gas Scrubber	FCCU2WGS	Sulfur Dioxide	0.00	3242.67	Loss of oxygen to FCCU2 from third party supplier. Portions of emissions may be authorized by Flex PAL Permit #18287/PSD-TX-730M4-4.	1	
539	168059	ETSC 0072655 - 072658	5/1/12 17:39	5/1/12 2:29	8:50	101,486 lbs of total 257,104 lbs are authorized under Permit #18287/PSD-TX-730M4/PAL7.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14	FLARE14	Sulfur dioxide	155.62	3242.67	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	1	F
540	179694	ETSC 0072917 - 072918	2/22/13 18:24	2/23/13 1:31	7:07	89 LBS of total 89 LBS are authorized under Permit #18287/PSD-TX-730M4/PAL7.	Fluid Catalytic Cracking Unit 3	Cat Regenerator	FCCU3WGS	Sulfur dioxide	0.00	3,242.67	CO Boiler trip resulted in emissions from the wet gas scrubber at the Fluidized Catalytic Cracking Unit 3 (FCCU3).	1	
541	182699	ETSC 0073046 - 0073047	5/11/13 6:30	5/11/13 11:21	4:51	Not specifically authorized	Hydroformer 3	Flange		Sulfur dioxide	0.01	0.00	Flange leak on inlet line to Reactor 3	1	
542	187800	ETSC 0073073 - 073074	8/27/13 13:30	8/27/13 16:45	8:20	312 lbs of total 312 lbs are authorized under Permit #18287/PSD-TX-730M4/PAL7.	Fluidized Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur dioxide	0.00	3242.67	FCCU3 Selective Catalytic Reduction (SCR) system tripped causing NOx emissions to increase.	1	
543	66872	ETSC 000732 - 000733	11/5/05 0:06	11/6/05 4:16	28:10	Not specifically authorized	Booster Station 4	Flare 27	FLARE27	Sulfur Dioxide	44,626.00	0.00	Replaced 250 foot section of jet vent gas line. The refinery flares are permitted under Permit #18287. This report is being submitted under an interim agreement with TCEO Region 12.	2	F, O-RQ, R-RQ
544	66884	ETSC 000734 - 000735	11/1/05 8:51	11/2/05 13:46	28:55	Not specifically authorized	Hydrofining Unit 4	Flare Stack 26	FS26	Sulfur Dioxide	1,089.00	0.00	HFA furnace maintenance resulting in flaring of Low BTU Gas (LNG) normally consumed by the furnace.	2	F, O-RQ, R-RQ
545	67928	ETSC 000730 - 000731	11/13/05 5:24	11/14/05 11:29	30:05	Not specifically authorized	Flexicoker Unit	Flare Stack 25	FS25	Sulfur Dioxide	21,529.00	0.00	Pump P-329A tripped at Flexicoker resulting in flaring. Portions of the Flexicoker are permitted under permit #18287. This report is being submitted under an interim agreement with TCEO Region 12.	2	F, O-RQ, R-RQ
546	70283	ETSC 000806 - 000807	1/10/06 8:00	1/11/06 18:00	34:00	Not specifically authorized	Flexicoker Unit	FFX GT/GWHB301	FXKGWTGWHB	Sulfur Dioxide	99.00	0.00	During the shutdown of the unit, GT/GWHB-301 exceeded it's NOX RACT 24-hour rolling average limit of 400 ppm CO. GT/GWHB-301 is permitted under Permit #18287.	2	
547	76441	ETSC 000915 - 000916	6/7/06 10:00	6/9/06 1:44	39:44	Permit #9163	Sulfur Conversion Unit	SCU2 F-549	SCU2 F-549	Sulfur Dioxide	3,818.00	0.73	Restart of Claus B following inspection and repair. Natural gas will be routed to the F-549 incinerator during start-up.	2	O-RQ, R-RQ
548	83371	ETSC 001053 - 001054	11/1/06 14:24	11/2/06 16:00	25:36	Not specifically authorized. 500 ppm limit per 40 CFR 63.1565 (c)(1) and 400 ppm limit per 30 TAC 117.206(e)(1)	Fluid Catalytic Cracking Unit 3	CO Boiler Bypass Stack		Sulfur Dioxide	685.00	0.00	Bolters A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL7.	2	O-RQ, R-RQ
549	106707	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	No specific emissions authorized	Fluid Catalytic Cracking Unit 3	Bypass Stack		Sulfur Dioxide	17,144.00	0.00	Bolters B and C tripped offline while A Bolter was down for maintenance. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	O-RQ, R-RQ
550	118545	ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack		Sulfur Dioxide	584.00	0.00	Bolters B and C tripped offline while A Bolter was down for maintenance. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	O-RQ, R-RQ
551	120022	ETSC 001180 - 001181	02/13/2009 19:00	02/15/2009 16:00	45:00	253 lbs of 253 are authorized by PAL Permit #18287/PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Sulfur Dioxide	253.00	3242.67	FCCU2 start up after planned shutdown for planned maintenance. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M4.	2	
552	123797	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack		Sulfur Dioxide	3,978.00	0.00	FCCU3 CO Boiler tripped offline while B Boiler was down for maintenance. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	O-RQ, R-RQ
553	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 15	FS15	Sulfur Dioxide	402.00	3242.67	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desuperheating Unit. Shutdown was required after clearing caused flaring. Portions of the Refinery are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	F

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2	125836	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	Bypass Stack	Sulfur Dioxide	36.00	0.00	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 18:40, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 6/22/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	
	132406	ETSC 001247 - 001248	11/25/2009 7:59	11/26/2009 21:00	37:01	Not specifically authorized	FCCU3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur Dioxide	1,842.00	3242.67	Startup FCCU3 from planned maintenance. Event ended on 11/26/09 at 21:00, but the 24-hr rolling average for carbon monoxide stayed above the 400 ppm limit set in 30 TAC Chapter 117 until 11/27/09 21:00. Portions of this unit are authorized by Flex PAL Permit #18287/PSD-TX-730M-4.	2	O-RQ, R-RQ
554	178262	ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	Portions may be authorized under Permit 18287/PSD-TX-730M4/PAL.	Hydrocracking Unit 1	Flare Stack 11	FLARE11	Sulfur dioxide	0.90	3,242.67	Compressor trip resulted in an atmospheric release at a HC11 safety vent and safe utilization of the flare system.	already counted	
	160472	ETSC 068131 - 068132	10/12/11 3:44	10/14/11 13:59	58:15	Portions are authorized under Permit #18287 & PSD-TX-730	Flexicoker	Flare Stack 25	FLARE 25	Sulfur dioxide	18.64	3242.67	Emissions due to loss of flexicoker fractionator bottoms flow. Portions of emissions are authorized by Permit #18287/PSD-TX-730M4/PAL.	3	F
555	68621	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 4	FLARE4	Sulfur Dioxide	8.00	0.00	Maintenance on west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	4	F
	124211	EOMCS 00024373 - 000024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	Sulfur Dioxide	1.00	3317.49	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730-M4.	already counted	
556	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	821.2 lbs of the 4784 lbs are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	FN Fired Sources		Sulfur Dioxide	4,784.00	3242.67	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	4	O-RQ, R-RQ
	102061	ETSC 001065 - 001066	01/04/2008 5:10	01/08/2008 8:00	98:50	Not specifically authorized	Sulfur Conversion Unit 2	Furnace 702	SCU2F702	Sulfur Dioxide	139.00	0.00	Water ingress from a suspected exchanger leak at Tall Gas Cleanup Unit C lead to reduced treatment of tail gas at SCU2. Portions of the emissions from SCU2F702 and SCU2F601 were authorized under Flexible PAL Permit #18287/PSD-TX-730M. Also, flexible Permit #18287 SC30 authorized emissions from SCU2F702.	5	
561	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All Blend Gas Fired Sources		Sulfur Dioxide	90.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	72319	ETSC 000780 - 000781	2/27/06 9:00	3/5/06 7:00	142:00	18287	Flexicoker Unit	GTG301	FXKWHB301	Sulfur Dioxide	110.00	3,629.75	Start-up of the flexicoker Gas Turbine after a unit turnaround. During start-up exceeded NOX RACT and RMACT 1 CO Concentration limits of 400 ppm and 500 ppm. Portions of the Flexicoker are permitted under Permit #18287.	6	
562	134509	ETSC 001273 - 001274	01/14/2010 14:30	01/21/2010 1:50	155:20	Portions of these emissions may be authorized by Permit #18287	Gas Treating	Flare 20	FL20	Sulfur Dioxide	61,249.45	3242.67	Emissions from hole in piping to gas treating towers. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730-M4.	7	F, O-RQ, R-RQ
	82895	ETSC 001057 - 001058	10/20/06 3:00	10/28/06 12:00	201:00	Not specifically authorized	Fuels North Combustion Devices	FNCOMBDV		Sulfur Dioxide	19,972.00	0.00	The MEA Tower System had a leaking exchanger that resulted in increased levels of H2S in the blend gas system and in Tank S01. Each fuel gas combustion device in the Fuels North area potentially received the hydrogen sulfide containing material. The possible emission sources are: HSK-F901/926/701/802/803/804/401/402/403/404/405 HDS-F301/201/227/703 FKK-F301/WHB301 Portions of the Refinery are authorized under permit 18287 and PSD-TX-730M3.	9	O-RQ, R-RQ
563	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All BG Fired Fired Units (SEE PERMIT)		Sulfur Dioxide	145.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	109166	ETSC 001103 - 001104	05/15/2008 17:00	07/25/2008 14:00	170:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Bypass Stack	FCCU3	Sulfur Dioxide	2,631.00	0.00	A malfunction of seal tank internals to the FCCU3 bypass stack caused emissions to escape through the stack. Portions of the refinery are authorized by PAL permit number 18287.	71	O-RQ, R-RQ
564	68272	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Not specifically authorized	Flexicoker Unit & Delayed Coker Unit	DCUF602	DCUF602	Sulfur Dioxide	616.00	0.00	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGTFWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
	68272	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Not specifically authorized	Flexicoker Unit & Delayed Coker Unit	FHK WHB 301	FXKGTFWHB	Sulfur Dioxide	290.00	0.00	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGTFWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
565	68272	ETSC 000728 - 000729	11/21/05 5:57	11/21/05 7:43	1:46	Not specifically authorized	Flexicoker Unit & Delayed Coker Unit	FXKF301	FXKF301	Sulfur Dioxide	272.00	0.00	During start-up of Hydrofining Unit 9, exceeded 3 hour 160 ppm limit of H2S in fuel gas. This fuel gas is used at the Flexicoker Unit Furnace F-301 (FXKF301) & WHB-301 (FXKGTFWHB) and at the Delayed Coker Unit F-601 & F-602. These sources are listed in permit #18287.	already counted	
	68629	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 5	FLARE5	Sulfur Dioxide	1.00	0.00	Maintenance on west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
566	68629	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 3	FLARE3	Sulfur Dioxide	1,312.00	0.00	Maintenance on west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 16	Flare16	Sulfur Dioxide	1.00	39.00	Fire at Electrical Substation 5, servicing the lube plant. Resulted in trip of East Loop Flare Gas Recovery Compressor and subsequent flaring off the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LIH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	already counted	
567	96519	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare Stack 26	FS26	Sulfur Dioxide	17.00	0.00	Shift in power supply to Hydrofining Unit 9 (HU9) resulted in depressuring to D-500 atmospheric vent. HU9 diversion resulted in flaring of Low Bu Gas normally used in HU9 furnaces. Portions of the BTTR Refinery are authorized by Flex/PAL Permit No. 18287.	already counted	
	106703	ETSC 001091 - 001092	04/22/2008 11:02	04/23/2008 16:21	29:19	Permit 18287 - 126 lb authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur Dioxide	126.00	3317.49	Boilers A/B/C tripped off-line. Portions of the FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4/PAL.	already counted	
568	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 25	FS25	Sulfur Dioxide	27.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Not specifically authorized	Fluid Catalytic Cracking Unit 3	Bypass Stack		Sulfur Dioxide	21.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
569	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 27	FLARE27	Sulfur Dioxide	1,057.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 11	FLARE11	Sulfur Dioxide	336.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
570	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 14	FLARE14	Sulfur Dioxide	1,387.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	5	F, O-RQ, R-RQ
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 15	FLARE15	Sulfur Dioxide	336.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
571	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 17	FLARE17	Sulfur Dioxide	809.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 18	FLARE18	Sulfur Dioxide	5.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
572	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 19	FLARE19	Sulfur Dioxide	5,402.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
573	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
574	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
575	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
576	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
577	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
578	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery						Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
579	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4</									

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
585	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 20	FLARE20	Sulfur Dioxide	525.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
586	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 21	FLARE21	Sulfur Dioxide	27.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
587	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 3	FLARE3	Sulfur Dioxide	974.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
588	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 4	FLARE4	Sulfur Dioxide	139.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
589	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 6	FLARE6	Sulfur Dioxide	7.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
590	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	SCU2 F-529	SCU2F529	Sulfur Dioxide	22.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
591	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Fluid Catalytic Cracking Unit 2	FCCU2 Wet Gas Scrubber	FCCU2WGS	Sulfur Dioxide	2,770.00	3,317.49	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
592	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 11	FLARE11	Sulfur Dioxide	360.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
593	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 18	FLARE18	Sulfur Dioxide	9.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
594	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 21	FLARE21	Sulfur Dioxide	46.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
595	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 14	FLARE14	Sulfur Dioxide	10,867.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
596	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 16	FLARE16	Sulfur Dioxide	331.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
597	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	Sulfur Dioxide	1,820.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
598	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 6	FLARE6	Sulfur Dioxide	310,369.00	3,317.49	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	19	F, O-RQ, R-RQ
599	118542	ETSC 001173 - 001174	01/07/2009 4:16	01/08/2009 14:16	34:00	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCUWGS	Sulfur Dioxide	83.00	3242.67	Boilers B and C tripped offline while A Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730MA.	already counted	
600	121028	ETSC 001184 - 001185	03/06/2009 17:48	03/06/2009 20:31	2:43	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur Dioxide	15.00	3242.67	CO Boiler SG501C tripped offline. Portions of the FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730MA.	already counted	
601	123798	ETSC 001197 - 001198	05/04/2009 8:41	05/05/2009 17:05	32:24	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur Dioxide	18.00	3242.67	FCCU3 CO Boiler A tripped offline while B Boiler was down for maintenance. Portions of FCCU3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730MA.	already counted	
602	124211	EMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	89 lbs of the 573 lbs are authorized	Hydrocracker Unit 1	Flare 14	FLARE14	Sulfur Dioxide	573.00	3317.49	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	4	F, O-RQ, R-RQ
603	124211	EMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	Sulfur Dioxide	33.00	3317.49	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
604	124211	EMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	11 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	Sulfur Dioxide	11.00	3317.49	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
605	124211	EMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	F55	Sulfur Dioxide	1.00	3317.49	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
606	124211	EMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02		Hydrocracker Unit 1	Flare 6	FLARE6	Sulfur Dioxide	1.00	3317.49	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
607	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 16	FS16	Sulfur Dioxide	55.00	3242.67	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desulphating Unit. Shutdown and subsequent unit clearing caused flaring. Portions of the refinery are authorized under Flexible PAL Permit #18287/PSD-TX-730MA.	already counted	
608	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	Sulfur Dioxide	3.00	3242.67	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
609	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 17	FLARE17	Sulfur Dioxide	164.00	3242.67	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
610	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 20	FLARE20	Sulfur Dioxide	3.00	3242.67	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
611	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	Sulfur Dioxide	69.00	3242.67	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
612	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 6	FLARE6	Sulfur Dioxide	69.00	3242.67	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
613	125838	ETSC 001210 - 001211	06/21/2009 9:24	06/22/2009 18:40	33:16	Not specifically authorized	Fluid Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	Sulfur Dioxide	67.00	3242.67	CO Boiler SG501A tripped offline. Hourly emissions returned to normal by 6/22/09 8:40, but the 24-hour rolling average for carbon monoxide stayed above the 400 ppm limit set in TAC Chapter 117 until 6/23/09 21:00. Portions of FCCU3 are authorized under Flexible PAL Permit #18287/PSD-TX-730MA.	already counted	
614	126082	ETSC 001221 - 001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 25	FL25	Sulfur Dioxide	1.00	3242.67	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
2	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
615	126083	ETSC 001221-001223	06/25/2009 21:00	06/29/2009 3:46	78:46	122 lbs of the 51948 lbs are authorized by Permit # 18287/PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 26	FL26	Sulfur Dioxide	51,948.00	3242.67	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
616	126083	ETSC 001221-001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 27	FL27	Sulfur Dioxide	1.00	3242.67	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
617	130563	ETSC 001241-001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically permitted	Hydrocracker Unit 1	Flare17	FLARE17	Sulfur Dioxide	321.00	3317.49	Shutdown of compressor C-701 caused HCU1 to shutdown. Portions of this event may be authorized under Permit 18287-PSD-TX-730-M4.	already counted	
618	130563	ETSC 001241-001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare3	FL3	Sulfur Dioxide	46.00	3317.49	Shutdown of compressor C-701 caused HCU1 to shutdown. Portions of this event may be authorized under Permit 18287-PSD-TX-730-M4.	already counted	
619	130563	ETSC 001241-001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare6	FL6	Sulfur Dioxide	4.00	3317.49	Shutdown of compressor C-701 caused HCU1 to shutdown. Portions of this event may be authorized under Permit 18287-PSD-TX-730-M4.	already counted	
620	142407	ETSC 001316-001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 20	FL20	Sulfur Dioxide	94.39	3242.67	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
621	142407	ETSC 001316-001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 3	FL3	Sulfur Dioxide	58.53	3242.67	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
622	142407	ETSC 001316-001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 4	FLARE04	Sulfur Dioxide	13.15	3242.67	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
623	142407	ETSC 001316-001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 5	FL5	Sulfur Dioxide	65.81	3242.67	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
624	142407	ETSC 001316-001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 6	FL6	Sulfur Dioxide	28.99	3242.67	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
625	160475	ETSC 068131-068132	10/12/11 3:44	10/14/11 13:59	58:15	Portions are authorized under Permit #18287/PSD-TX-730	Flexicoker	Flare Stack 26	FLARE 26	Sulfur dioxide	5,549.52	3242.67	Emissions due to loss of flexicoker fractionator bottoms flow. Portions of emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted	
626	178267	ETSC 072911-072914	1/21/13 3:37	1/22/13 19:00	39:23	9.86 lbs of the total 283.51 lbs are authorized under permit 18287/PSD-TX-730M4.	Hydrocracking Unit 1	Flare Stack 14	FLARE14	Sulfur dioxide	273.65	3,242.67	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.	2	F
627													TOTAL - SULFUR DIOXIDE	190	162
628	113889	ETSC 001132-001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	All Blend Gas Fired Sources		Sulfuric acid	1.00	15.86	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	5	
629													TOTAL - SULFURIC ACID	5	
630	70344	ETSC 000798-000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 17	FLARE 17	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	1.42	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	1	F, H
631	70360	ETSC 000796-000797	1/12/06 21:10	1/13/06 13:11	16:01	TCEOQ Permit #18287 NOx limit of 93 ppmv	ExxonMobil Baytown Refinery	GTG45/WHB75	BH7WHB75	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	2,280.00	0.00	Facility steady constraints resulted in exceedance of NOx 93 ppmv limit from the coupled GTG45/WHB75 stack. GTG45/WHB75 are permitted under permit #18287.	1	H, R-RQ
632	66872	ETSC 000732-000733	11/5/05 0:06	11/6/05 4:16	28:10	Not specifically authorized	Booster Station 4	Flare 27	FLARE27	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	712.00	0.00	Replaced 250 foot section of jet vent gas line. The refinery flares are permitted under Permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	2	F, H, R-RQ
633	66884	ETSC 000734-000735	11/1/05 8:51	11/2/05 13:46	28:55	Not specifically authorized	Hydrofining Unit 4	Flare Stack 26	FS26	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	428.00	0.00	HF4 furnace maintenance resulting in flaring of Low BTU Gas (LBG) normally consumed by the furnace.	2	F, H, R-RQ
634	67926	ETSC 000730-000731	11/13/05 5:24	11/14/05 11:29	30:05	Not specifically authorized	Flexicoker Unit	Flare Stack 25	FS25	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	5,704.00	0.00	Pump P-329A tripped at Flexicoker resulting in flaring. Portions of the Flexicoker are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	2	F, H, R-RQ
635	70283	ETSC 000806-000807	1/10/06 8:00	1/11/06 18:00	34:00	Not specifically authorized	Flexicoker Unit	FXK GTG/WHB301	FXKGWTGHWB	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	483.00	0.00	During the shutdown of the unit, GTG/WHB-301 exceeded it's NOX RACT 24-hour rolling average limit of 400 ppm CO. GTG/WHB-301 is permitted under Permit #R287.	2	H, R-RQ
636	68629	ETSC 000715-000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 4	FLARE4	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	11.00	0.00	Maintenance on west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	4	F, H
637	68629	ETSC 000715-000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 5	FLARE5	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	2.20	0.00	Maintenance on west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
638	68629	ETSC 000715-000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 3	FLARE3	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	1,841.00	0.00	Maintenance on west loop flare gas recovery compressor C-002. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
639	70344	ETSC 000798-000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 18	FLARE 18	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	1.42	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
640	70344	ETSC 000798-000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 20	FLARE 20	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide	1.42	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
641	70344	ETSC 000798-000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 21	FLARE 21	TOTAL NOX: Nitrogen Dioxide, Nitrogen Monoxide		0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
642	187800	ETSC 073073-073074	8/27/13 8:30	8/27/13 16:45	8:20	681 lbs of total 1,962 lbs are authorized under Permit #18287/PSD-TX-730M4/PAL7.	Fluidized Catalytic Cracking Unit 3	FCCU3 Wet Gas Scrubber	FCCU3WGS	TOTAL NOX: Nitrogen dioxide, Nitrogen Oxide	1,281.00	1747.18	FCCU3 Selective Catalytic Reduction (SCR) system tripped causing NOx emissions to increase.	1	H, R-RQ
643													SUBTOTAL OF NOX	15	15
644	126083	ETSC 001221-001223	06/25/2009 21:00	06/29/2009 3:46	78:46	Portions of the refinery are authorized by Permit #18287/PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 25	FS25	Total Sulfur	1.00	15.78	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
645	126083	ETSC 001221-001223	06/25/2009 21:00	06/29/2009 3:46	78:46	228 lbs of the 343 lbs are authorized by Permit # 18287 & PSD-TX-730M4	Flexicoker (FXK)	Flare Stack 26	FL26	Total Sulfur	343.00	0.00	Flaring due to Flexicoker start-up after shut down. This event has ended. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	4	F
646													SUBTOTAL of SULFUR COMPOUNDS	4	4
647	72319	ETSC 000780-000781	2/27/06 9:00	3/5/06 7:00	142:00	18287	Flexicoker Unit	GTG301	FKWHSB301	TOTAL VOC	38.00	6,027.70	Start-up of the Flexicoker Gas Turbine after a unit turnaround. During start-up exceeded NOx RACT and MACT II CO Concentration limits of 400 ppm and 500 ppm. Portions of the Flexicoker are permitted under Permit #18287.	6	H
648	144239	ETSC 001325-001326	08/30/2010 16:02	08/30/2010 16:39	0:37	Not specifically authorized	West Loop Flare System	Flare Stack 4	FLARE04	TOTAL VOC: Butane N-, Heptanes, Hexanes, Isobutane, Isopentane, Other, Pentane, Propane, Propene, Toluene, Butenes	463.70	6010.61	Loss of flame on flare pilots. The event has ended. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	F, H

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2 649	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 29	FL29	TOTAL VOC: 1-Butene + Isobutylene, Butane N-, Cis-2-Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-Butene, VOC (unspecified)	1.84	6010.61	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 3	FL3	TOTAL VOC: 1-Butene + Isobutylene, Butane N-, Cis-2-Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-Butene, VOC (unspecified)	389.19	6010.61	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
650 651	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 4	FLARE04	TOTAL VOC: 1-Butene + Isobutylene, Butane N-, Cis-2-Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-Butene, VOC (unspecified)	162.95	6010.61	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 5	FL5	TOTAL VOC: 1-Butene + Isobutylene, Butane N-, Cis-2-Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-Butene, VOC (unspecified)	786.54	6010.61	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
652 653	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 6	FL6	TOTAL VOC: 1-Butene + Isobutylene, Butane N-, Cis-2-Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-Butene, VOC (unspecified)	159.93	6010.61	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	already counted	
	154039	ETSC 072695 - 072698	05/02/2011 6:30	05/02/2011 10:30	4:00		Oil Movements	Oil Movements Area, Spill		TOTAL VOC: 1,2-Dimethylbenzene, 1,3-Butadiene, 1-Butene, 2,3-Dimethylpentane, 2-Methyl-1-Butene, 2-Methyl-2-Butene, 2-Methylhexane, 2-Methylpentane, 1,3-Methyl-1-butene, 3-methylhexane, Butane, Cyclopentane, Cyclohexane, Cyclopentane, Heptane (or N.), Heptanes, Hexane, Hexenes, Isobutane, Isobutylene, Methylcyclohexane, Methylcyclopentane, Octanes, Other, Pentadiene, Pentane, Pentene, Propane, Propylene, Toluene, Trans-2-butene, Trans-Pentene, VOC (unspecified), Xylene m-	2,865.30	0.00	Air emissions are from evaporation of frac tank slop oil spill. Portions of the unit emissions are authorized by Flex PAL Permit #18287/PSD-TX-730M4/PAL7. This event has ended.	1	H, R-RQ
654	149211	ETSC 001346 - 001348	01/06/2011 20:25	01/07/2011 2:25	6:00	Not specifically authorized	Naphtha Hydrofiner (NHF), Exchanger 702 D	Pinhole Leak	NA	TOTAL VOC: 1,2,4-Trimethylbenzene; 1-Butene; 1-methyl-2-ethylbenzene; 1-methyl-3-ethylbenzene; 1-methyl-4-ethylbenzene; 1c,2t,3-trimethylcyclopentane; 1c,2t,4c-trimethylcyclohexane; 1c,3-dimethylcyclopentane; 1c,3c,5-trimethylcyclohexane; 1t,2-dimethylcyclopentane; 2,3-Dimethylpentane; 2-Methylhexane; 3-methylhexane; 4-ethylheptane; 4-methyloctane; Butane-N-Butane-1-Cis-2-Butene; Cyclohexane; Cyclopentane; Ethylbenzene; Ethylcyclopentane; Hexane; Isobutane; Methylcyclohexane; Methylcyclopentane; Octanes; Orthoxylene; Others; Pentane, N-; Pentene; Propane; Toluene; VOCs; Decanes; metaxylylene; n-Heptane; n-nonane; n-propylcyclopentane; paraxylene; t-2-butene	2,415.00	0.00	Leak occurred at the thermowell on an exchanger. Portions of the unit emissions are authorized by Permit #18287. This event has ended.	1	H, R-RQ, O-RQ
	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 6	FLARE6	TOTAL VOC: 1,3-BUTADIENE, Butane i, Butane, N-, Butene, Ethylene (gaseous), Isobutylene, Propane, Propylene (Propene), VOC	4,520.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
656 657	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 14	FLARE14	TOTAL VOC: 1,3-BUTADIENE, Butane i, Butane, N-, Butene, Ethylene (gaseous), Propane, Propylene (Propene), VOC	7,349.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 3	FLARE3	TOTAL VOC: 1,3-BUTADIENE, Butane, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	5,040.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
658 659	70340	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized	Hydroformer 4	OH0452		TOTAL VOC: 2-methylpentane, 2-Methylhexane, Butane N-, Heptane (or N.), Isobutane, Isopentane, Methylcyclopentane, Pentane, Propane, dimethyl cyclopentane, VOC	1,241.73	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspecified C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	1	H
	103838	ETSC 001076 - 001078	02/16/2008 8:30	02/20/2008 12:00	99:30	3,977.9 of 8,203.9 lbs authorized by Permit 18287	Oil Movements	Tank 1095 roof	TK1095	Ethylbenzene, Orthoxylene, paraxylene, Propane, Toluene, VOC	8,161.40	6014.44	Leaking stormwater roof drain resulted in crude oil on tank roof. Secondary mist released at ground level sewer and vapor released from tank roof. Portions of Oil Movements, including the tank, authorized in Permit 18287.	already counted	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2															
661	96518	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	D-500 ATM Vent		TOTAL VOC: Butadiene, 2-Methylpentane, 3-Methylpentane, 3-Methyl-1-Butene, Butane, Butene, Cis-2-Butene, Cyclopentane, Hexane, Isobutane, Isopentane, Pentadiene, Pentane, Pentene, Propane, Propylene (Propene), Trans-2-Butene, VOC	4,219.80	0.00	Shift in power supply to Hydrofining Unit 9 (HU9) resulted in depressuring to D-500 atmospheric vent. HU9 diversion resulted in flaring of Low Btu Gas normally used in HU9 furnaces. Portions of the BTFR Refinery are authorized by Flex/PAL Permit No. 18287.	1	H, R-RQ
662	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 15	FLARE15	TOTAL VOC: Butane i, Butane N-, Butene, Ethylene (gaseous), Pentane, Propane, Propylene (Propene), VOC	15,714.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
663	124215	EOMCS 00024373 - 000024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	TOTAL VOC: Butane i, Butane N-, Butene, Ethylene (gaseous), Propane, Propylene (Propene), VOC	9.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
664	124215	EOMCS 00024373 - 000024382	05/12/2009 15:46	05/15/2009 20:48	77:02	186 lbs of the 427 lbs are authorized	Hydrocracker Unit 1	Flare 14	FLARE14	TOTAL VOC: Butane i, Butane N-, Butene, Ethylene (gaseous), Propane, Propylene (Propene), VOC	427.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
665	124215	EOMCS 00024373 - 000024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	FV-702	FV-702	TOTAL VOC: Butane i, Butane N-, Cis-2-Butene, Pentane, Propane, VOC (C6+)	52.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
666	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Not specifically authorized	Baytown Refinery Operating Units	P57 Tower T-702 Overhead Leak		TOTAL VOC: Butane i, Butane N-, Pentene, Propane	80.00	0.00	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (John Drisko) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup.	already counted	
667	144890	ETSC 001327 - 001328	09/15/2010 13:59	09/15/2010 15:38	1:39	Not specifically authorized	Hydrocracking Unit 1 (HCU1)	HCU1 atmospheric vent	HCU1 D401 D902	TOTAL VOC: Butane N-, Butane i, Pentane, Propane, Propylene (Propene), VOC (unspecified)	1,686.00	0.00	Instrument malfunction at reactor R3 caused the depressurization valves to open for approximately six minutes, resulting in an atmospheric release at HCU1 D401 D902 and flaring at FLARE14. Portions of this unit are authorized by Permit #18287/PSD-TX-730. The event has ended.	already counted	
668	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 14	FLARE14	TOTAL VOC: Butane N-, Butane i, Butene, Ethylene (gaseous), Propane, Propylene (Propene), VOC	22.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
669	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 17	FLARE17	TOTAL VOC: Butane N-, Butane i, Butenes (all isomers), Propane, Propylene (Propene), VOC	111.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
670	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 20	FLARE20	TOTAL VOC: Butane N-, Butane i, Butenes (all isomers), Propane, Propylene (Propene), VOC	6.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
671	156361	ETSC 001374 - 001375	6/30/11 21:29	6/30/11 22:36	1:07	Not specifically authorized	Hydrocracking unit (HCU1)	Atmospheric vent	HCU1 D401 D902	TOTAL VOC: Butane N-, Butane i, Isopentane, Pentane, Propane, VOC (C6+)	495.00	0.00	Exchanger leak resulted in subsequent unit shutdown and depressure through HCU1 D401 D902 atmospheric vent. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	H
672	155973	ETSC 001372 - 001373	6/21/11 5:13	6/21/11 5:34	0:21	Not specifically authorized	Hydrocracking unit (HCU1)	Atmospheric vent	HCU1 D401 D902	TOTAL VOC: Butane N-, Butane i, Isopentane, Pentane, Propane, VOCs	623.00	0.00	Power disruption resulted in shutdown of unit, causing atmospheric release at HCU1 D401 D902. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	H
673	130562	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare14	FLARE14	TOTAL VOC: Butane N-, Butane i, Propane, VOC	82.00	6014.44	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit #18287/PSD-TX-730-M4.	already counted	
674	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	FV-702	FV-702	TOTAL VOC: Butane N-, Butane i, Propane, VOC	94.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
675	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 11	FLARE11	TOTAL VOC: Butane N-, Butane i, Propane, VOC	4.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
676	168050	ETSC 072655 - 072658	5/1/12 17:39	5/12 2:29	8:50	Portions may be authorized under Permit 18287/PSD-TX-730M4/PAL7.	Hydrocracking Unit 1 (HCU1)	Flare Stack 11	FLARE11	TOTAL VOC: Butane N-, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), Trans-2-butene, VOC	35.65	6117.32	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted	
677	8093	ETSC 000862 - 000863	8/29/06 22:40	8/30/06 0:20	1:40	Not specifically authorized	Baytown Refinery Operating Units: FS14	Flare 14	FLARE14	TOTAL VOC: Butane N-, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	2,166.80	0.00	Flameout on all pilot lights. Portions of the facility are authorized under permit number 18287.	1	F, H, R-RQ
678	168050	ETSC 072655 - 072658	5/1/12 17:39	5/12 2:29	8:50	45.81 lbs of total 53.51 lbs are authorized under Permit #18287/PSD-TX-730M4/PAL7	Hydrocracking Unit 1 (HCU1)	Flare Stack 14	FLARE14	TOTAL VOC: Butane N-, Butene, Cis-2-butene, Ethylene (gaseous), Isobutane, Isopentane, Propane, Propylene (Propene), Trans-2-butene	7.70	6117.32	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	already counted	
679	68705	ETSC 000726 - 000727	11/29/05 20:00	11/29/05 23:30	3:30	No specific emissions authorizations for this facility	Hydrofining Unit 9	HU9 T-371		TOTAL VOC: Butane N-, Butene, Cis-2-butene, Isobutane, Isopentane, Propane, Propylene (Propene), Trans-2-butene	1,697.00	0.00	Leak off of HU9 T-371 resulting in emissions to atmosphere. Cause is still under investigation.	1	H, R-RQ, O-M, R-M
680	68629	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 4	FLARE4	TOTAL VOC: Butane N-, Butene, Ethylene (gaseous), Isobutane, Pentane, Propane, Propylene (Propene), VOC	152.40	0.00	Maintenance on west loop flare gas recovery compressor C-02. VOC is unspecified G+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	4	F, H
681	68629	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 5	FLARE5	TOTAL VOC: Butane N-, Butene, Ethylene (gaseous), Isobutane, Pentane, Propane, Propylene (Propene), VOC	27.40	0.00	Maintenance on west loop flare gas recovery compressor C-02. VOC is unspecified G+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
682	68629	ETSC 000715 - 000717	12/12/05 6:00	12/15/05 23:20	89:20	Not specifically authorized		Flare 3	FLARE3	TOTAL VOC: Butane N-, Butene, Ethylene (gaseous), Isobutane, Pentane, Propane, Propylene (Propene), VOC	25,181.00	0.00	Maintenance on west loop flare gas recovery compressor C-02. VOC is unspecified G+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
683	76597	ETSC 000826 - 000827	6/1/06 21:30	6/1/06 21:30	4:00	Not specifically authorized	Fuels East Flare System	Flare 14	FLARE14	TOTAL VOC: Butane N-, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	387.00	0.00	Two pilot outages occurred on flare stack 14 over the course of 4 hours. VOC is G+ + unspecified material. Portions of the Fuels East Flare System are authorized under permit #18267.	1	F, H, R-RQ
684	125757	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	33.1 lbs of the 101 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	TOTAL VOC: Butane N-, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	101.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	1	F, H
685	124215	EOMCS 00024373 - 000024382	05/12/2009 15:46	05/15/2009 20:48	77:02	108 lbs are authorized	Hydrocracker Unit 1	Flare 4	FLARE4	TOTAL VOC: Butane N-, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	110.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
686	130563	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically permitted	Hydrocracker Unit 1	Flare17	FLARE17	TOTAL VOC: Butane N-, Butene, Isobutane, Propane, Propylene (Propene), VOC	1,953.00	6014.44	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730M4/PAL7.	already counted	
687	162868	ETSC 068135 - 068136	12/16/11 19:30	12/20/11 21:30	98:00	Portions may be authorized under Permit #18287/PSD-TX-730M4/PAL7	Crude Light Ends (CLE)	Hole in Pipe		TOTAL VOC: Butane N-, Butene, Isobutane, Propane, Propylene (Propene), Methylcyclopentane	6,754.00	0.00	Discovered hole in T-730 Light Virgin Naphtha Draw Line. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL7.	4	H, R-RQ

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
688	101421	ETSC 000923 - 000924	12/17/07 1:00	12/17/07 5:30	4:30	Not specifically authorized	Hydroformer 4	P451 B suction piping		TOTAL VOC: Butane N-, Hexane, Isobutane, Isopentane, Pentane, Propane, Propylene (Propene)	1,054.00	0.00	Stabilizer pump suction leak to atmosphere.	1	H
	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 21	FLARE 21	TOTAL VOC: Butane N-, Isobutane, Isopentane, Pentane, Propane, VOC	7.26	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspeciated C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
689	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 17	FLARE 17	TOTAL VOC: Butane N-, Isobutane, Isopentane, Pentane, Propane, VOC	7.26	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspeciated C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 18	FLARE 18	TOTAL VOC: Butane N-, Isobutane, Isopentane, Pentane, Propane, VOC	7.26	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspeciated C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
690	70344	ETSC 000798 - 000801	1/12/06 13:09	1/12/06 13:24	0:15	Not specifically authorized		Flare 20	FLARE 20	TOTAL VOC: Butane N-, Isobutane, Isopentane, Pentane, Propane, VOC	7.26	0.00	During the shutdown of the unit, an atmospheric safety valve on T-451 opened and released light hydrocarbons to the atmosphere. Light ends and hydrogen were also flared on the Fuels North flare system. VOC is unspeciated C6+ material. The refinery flares are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	already counted	
	168050	ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	Not specifically authorized	Hydrocracking Unit 1 (HCU1)	E-702 Exchanger		TOTAL VOC: Butane N-, Isobutane, Isopentane, Pentane, Propane, VOCs	11.40	0.00	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PALZ.	1	H
693	76501	ETSC 000830 - 000831	5/31/06 9:15	5/31/06 9:20	0:05	Not specifically authorized	Hydrocracking Unit 1	D902 & D401	D902 & D401	TOTAL VOC: Butane N-, Isobutane, Isopentane, Propane, Propylene (Propene), VOC	2,613.00	0.00	Unit instability due to compressor C-701 issues resulted in depressuring to D-401 and D-902 atmospheric vents. The event has ended and unit personnel are restarting the unit. The VOC portion represents C6's and higher. Portions of HCU1 are authorized under permit #18267.	1	H, R-RQ
	79487	ETSC 000877 - 000878	8/4/06 22:46	8/4/06 23:04	0:18	No specific authorization	Hydrocracker Unit	D902 & D401	D902 & D401	TOTAL VOC: Butane N-, Isobutane, Isopentane, Propane, Propylene (Propene), VOC	4,046.00	0.00	The HCU unit tripped off-line which resulted in depressuring to D-401 and D-902 atmospheric vents. Portions of the HCU unit are covered under permit #18287/PSD-TX-730-M3.	1	H, R-RQ
694	130561	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	D 401/902		TOTAL VOC: Butane N-, Isobutane, Isopentane, Propane, Propylene (Propene), VOC	7,117.00	0.00	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	1	H, R-RQ
	124211	EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Drums 401/902	D-401/902	TOTAL VOC: Butane N-, Isobutane, pentane iso, Propane, Propylene (Propene), VOC	8,050.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	4	H, R-RQ
695	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Drums 401/902	D-401/902	TOTAL VOC: Butane N-, Isobutane, Propane, Propylene (Propene), Pentane (iso), VOC	3,644.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 25	FS25	TOTAL VOC: Butane-I, Butene, Ethylene (gaseous), Propane, Propylene (Propene), VOC	778.00	0.00	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	5	H, R-RQ
700	144896	ETSC 001327 - 001328	09/15/2010 13:59	09/15/2010 15:38	1:39	2.002 of total 46,949 lbs are authorized under Permit #18287/PSD-TX-730.	Hydrocracking Unit 1 (HCU1)	Flare Stack 14 (FECC)	FLARE14	TOTAL VOC: Butane, Butane I, C <sub>2</sub> -butene, Ethylene (gaseous), Propane, Propylene, Trans-2-butene, VOC (unspecified)	44.95	6010.61	Instrumentation malfunction at reactor R3 caused the depressurization valves to open for approximately six minutes, resulting in an atmospheric release at HCU1 D401 D902 and flaring at FLARE14. Portions of this unit are authorized by Permit #18287/PSD-TX-730. The event has ended.	1	H
	78440	ETSC 000881 - 000882	7/12/06 11:35	7/13/06 9:47	22:12	Not specifically authorized	Booster Station 4	Hole in piping at BS4		TOTAL VOC: Butane, Butane N-, Cyclopentane, Ethylene (gaseous), Isobutane, Isopentane, Pentadecane, Propane, Propylene (Propene), VOC	408.00	0.00	Pin hole leak on line at Booster Station 4. Portions of the Refinery are permitted under Permit #18287.	1	H, R-RQ
702	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 11	FLARE11	TOTAL VOC: Butane, Butane-I, Butene, Ethylene (gaseous), Propane, Propylene (Propene), VOC	165.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	67926	ETSC 000730 - 000731	11/13/05 5:24	11/14/05 11:29	30:05	Not specifically authorized	Flexicoker Unit	Flare Stack 25	FS25	TOTAL VOC: Butane, Butene, Ethylene (gaseous), Isobutane, Isopentane, Propane, Propylene (Propene), VOC	997.00	0.00	Pump P-320A tripped at Flexicoker resulting in flaring. Portions of the Flexicoker are permitted under permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.	2	F, H, R-RQ
704	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 27	FLARE27	TOTAL VOC: Butane, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	539.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 18	FLARE18	TOTAL VOC: Butane, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	157.50	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
706	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 4	FLARE4	TOTAL VOC: Butane, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	2,099.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
	113887	ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 6	FLARE6	TOTAL VOC: Butane, Butene, Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	30.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4.	already counted	
708	125751	ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 6	FLARE6	TOTAL VOC: Butane, Butene, Ethylene (gaseous), Propane, Propylene, VOC	139.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	83418	ETSC 001049 - 001050	11/2/06 5:00	11/2/06 19:33	14:33	Not specifically authorized	Gofiner 1	Tower T-276		TOTAL VOC: Butane, Butenes (all isomers), Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	1,360.00	0.00	Product stripper tower T-276 developed a pinhole leak. The leak was likely caused by corrosion/erosion. There was a small intermittent fire and release of process gas oil (VOC-PGO). The small fire has ended and visible emissions from the pinhole have stopped. The VOC reported is C5 thru C6s. The tower was isolated and repaired. Portions of Gofiner 1 are permitted in Permit 18287 and an Interim Agreement with TCEQ.	1	H, R-RQ
710	130561	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare3	FL3	TOTAL VOC: Butanes (all isomers), Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	179.00	6014.44	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted	
	130561	ETSC 001241 - 001244	10/09/2009 6:37	10/09/2009 12:37	6:00	Not specifically authorized	Hydrocracker Unit 1	Flare6	FL6	TOTAL VOC: Butenes (all isomers), Ethylene (gaseous), Isobutane, Propane, Propylene (Propene), VOC	66.00	6014.44	Shutdown of compressor C-701 caused HCU1 to shutdown. Associated units temporarily reduced rates to minimize emissions. Portions of this event may be authorized under Permit 18287/PSD-TX-730-M4.	already counted	
712	124215	EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	TOTAL VOC: Butane, Butenes, Ethylene (gaseous), Propane, Propylene, VOC	65.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Tracking Number	Bates # of first Page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
713	125757 ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare 3	FLARE3	TOTAL VOC: Butane, butenes, Ethylene (gaseous), Propane, Propylene, VOC	229.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	66872 ETSC 000732 - 000733	11/5/05 0:06	11/6/05 4:16	28:10	Not specifically authorized	Booster Station 4	Flare 27	FLARE27	TOTAL VOC: Butane, Ethylene (gaseous), Isobutane, Isopentane, Pentane, Propane, Propylene (Propane), VOC	1,707.00	0.00	Replaced 250 foot section of jet vent gas line. The refinery flares are permitted under Permit #18287. This report is being submitted under an interim agreement with TCEQ Region 12.		2 F, H, R-RQ
714	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare Stack 5	FLS	TOTAL VOC: Butane, Ethylene (gaseous), Isobutane, Propane, Propylene (Propane), VOC	6.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	already counted	
	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 19	FLARE19	TOTAL VOC: Butane, Ethylene (gaseous), Pentane, Propane, Propylene, VOC	22.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.		already counted
715	125757 ETSC 001203 - 001209	06/17/2009 14:45	06/17/2009 17:00	2:15	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	FSS	TOTAL VOC: Butane, Ethylene (gaseous), Propane, Propylene, VOC	5.00	6010.61	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	178267 ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	Not specifically authorized	Hydrocracking Unit 1	HCU1 atmospheric vent		TOTAL VOC: Butane, Isobutane, Isopentane, Pentane, Propane, VOCs	3,746.00	0.00	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.		already counted
716	168050 ETSC 072655 - 072658	5/1/12 17:39	5/2/12 2:29	8:50	Not specifically authorized	Hydrocracking Unit 1 (HCU1)	HCU1 atmospheric vent		TOTAL VOC: Butane, Isobutane, Isopentane, Propane, VOCs	9,205.00	0.00	Compressor trip resulted in unit shutdown, causing subsequent emissions and flaring. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL.	already counted	
	178267 ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	35.85 lbs of the total 207.26 lbs are authorized under permit 18287/PSD-TX-730M4.	Hydrocracking Unit 1	Flare Stack 14	FLARE14		171.41	6,117.32	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.		already counted
717	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	CLEU 7T85 Piping Pinhole Leak		TOTAL VOC: Butane, N-, Butene, Cis-2-butene, Ethylene, Isobutane, Isopentane, Propane, Propylene (Propane), Trans-2-butene, VOCs	127.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 11	FLARE11	TOTAL VOC: Butane, N-, Butene, Ethylene (gaseous), Hexane, Isobutane, Isobutylene, Pentanes, Isobutane, Isopentane, Propane, Propylene (Propene), VOC	191.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		already counted
718	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 11	FLARE11	TOTAL VOC: Butane, N-, Butene, Ethylene (gaseous), Hexane, Isobutane, Isobutylene, Pentanes, Isobutane, Isopentane, Propane, Propylene (Propene), VOC	191.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 14	FLARE14	TOTAL VOC: Butane, N-, Butene, Ethylene (gaseous), Isobutane, Isobutylene, Propane, Propylene (Propene), VOC	5,047.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		already counted
719	182695 ETSC 073046 - 073047	5/11/13 6:30	5/11/13 11:21	4:51	Not specifically authorized	Hydroformer 3	Flange		TOTAL VOC: Butane, N-, Ethylbenzene, Hexane, Isobutane, Isopentane, Pentane, Propane, Toluene, Trimethylpentane, 2,2,4, VOC (unspecified), Xylene	126.40	0.00	Flange leak on inlet line to Reactor 3	1 H	
	178267 ETSC 072911 - 072914	1/21/13 3:37	1/22/13 19:00	39:23	1.24 lbs of the total 32.84 lbs are authorized under permit 18287/PSD-TX-730M4.	Hydrocracking Unit 1	Flare Stack 11	FLARE11	TOTAL VOC: Butane, N-, Ethylene (gaseous), Isobutane, Propane, Propylene (Propane), VOCs	31.60	6,117.32	Compressor trip resulted in an atmospheric release at a HCU1 safety vent and safe utilization of the flare system.		2 F, H
720	142015 ETSC 001314 - 001315	07/06/2010 7:30	07/07/2010 22:00	38:30	Portions may be authorized by Permit 18287/PSD-TX-730M4	FNGT (Fuels North Gas Treating)	Hole in Pipe		TOTAL VOC: Butane, N-, Pentane, Propane	894.50	6010.61	Leaks from two holes in feed line to T-855 (Naphtha Hydrofiner (NHF) Tall Gas Scrubber). This event has ended. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730-M4.	2 H	
	124215 EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02	Not specifically authorized	Hydrocracker Unit 1	Flare Stack 5	FSS	TOTAL VOC: Butane, Propane, Propylene, VOC	37.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.		already counted
721	124215 EOMCS 00024373 - 00024382	05/12/2009 15:46	05/15/2009 20:48	77:02		Hydrocracker Unit 1	Flare 6	FLARE6	TOTAL VOC: Butane, Propane, Propylene, VOC	37.00	6014.44	HCU1 shut down. Portions of the units are authorized by Permit #18287/PSD-TX-730.	already counted	
	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 18	FLARE18	TOTAL VOC: Butene, Isobutane, Pentane N-, Propane, VOC	515.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		already counted
722	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 18	FLARE18	TOTAL VOC: Butene, Isobutane, Pentane N-, Propane, VOC	432.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	already counted	
	114161 ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery Operating Units	Flare 17	FLARE17	TOTAL VOC: Butene, Isobutane, Pentane N-, Propane, VOC	15,157.00	6,014.44	Scheduled startup due to shutdown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4. Note: STEERS would not allow submittal of just one report because it exceeded the CCEDS requirements. The STEERS contact (Jim Drozd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.		already counted
723	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 17	FLARE17	TOTAL VOC: Butene, Isobutane, Propylene (Propane), VOC	8,894.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	already counted	
	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 20	FLARE20	TOTAL VOC: Butene, Isobutane, Propylene (Propane), VOC	9,419.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.		already counted
724	113887 ETSC 001132 - 001144	09/11/2008 12:00	09/15/2008 18:30	102:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	Flare 21	FLARE21	TOTAL VOC: Butene, Isobutane, Propylene (Propane), VOC	441.00	6,014.44	Scheduled shutdown due to approach of Hurricane Ike. Portions of the refinery are permitted under Permit #18287/PSD-TX-730-M4.	already counted	
	85714 ETSC 001025 - 001026	1/5/07 16:15	1/14/07 19:05	218:50	Not specifically authorized	ExxonMobil Baytown Refinery, Oil Movements	Plant Sewer Fugitives	SEWERFUG	TOTAL VOC: C10, C11, C12, C13, C14, C15	2,176.00	0.00	Leak on underground piping, resulting in spill and eventual air emissions in the wastewater facility. Portions of the wastewater facility are covered under Permit 18287-PSD-TX-730-M4.		10 H
725	85962 ETSC 001027 - 001028	1/11/07 20:25	1/11/07 21:10	0:45	Not specifically authorized	Gofiner	Gofiner Unit 1 Fugitives	GF1FUG	TOTAL VOC: C12	20.00	0.00	A seal on a unit pump failed which resulted in a release of hot gas oil vapors to the atmosphere. Portions of the Gofiner Unit are covered under Permit 18287-PSD-TX-730-M4.	1	H

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Tracking Number	Bates # of first page of Final STEERS	Start Date & Time	End Date & Time	Duration (h:mm)	Authorization	Unit	Emission Point	EPN	Contaminant	Amount Released (lbs)	Reported Emission Limit (lbs/hr)	Cause	Number of Days of Violation	Traceability Codes
2	110883	ETSC 001113 - 001114	07/10/2008 3:00	07/18/2008 13:00	202:00	All emissions authorized by Permit 18287	Wastewater Treatment Plant	Wastewater Treatment Plant	SEWERFLUG	TOTAL VOC: Cumene, Cyclohexane, Ethylbenzene, Methyl ethyl ketone, Methyl isobutyl ketone, Naphthalene, Phenol, Toluene, VOC, Xylene	5,357.00	6014.44	Benzene concentration in wastewater treatment system. Portions of this facility are authorized by Permit No. 18287/PSD-TX-730.	9	H, R-RQ, O-RQ
	91325	ETSC 000975 - 000976	5/17/07 6:00	5/22/07 19:00	133:00	Not specifically authorized	Oil Movements Area 1	Tank 998	TK0998	TOTAL VOC: Cyclohexane, Ethylbenzene, Naphthalene, Toluene, Xylene	3,562.00	0.00	Loss of flotation on Tank 998 floating roof. Event is under investigation but most likely cause is that floating roof became entangled with tank's roof anti-rotation device. Tank contained oil destined for refinery recycle. Portions of Oil Movements Area 1, including Tank 998, are authorized in permit 18287. No impact on production and all customer needs were met. Event has ended.	6	H, R-RQ, O-RQ
737	113083	ETSC 001126 - 001127	08/24/2008 15:30	08/24/2008 15:40	0:10	Not specifically authorized	Hydroformer 3	Reactor Vent	HF3RXVENT	TOTAL VOC: Ethylbenzene, Hexane, Mixed Xylene, Toluene, VOC (C4s), VOC (C5s), VOC (C6+)	4.50	0.00	A reactor was being air freed when material was released resulting in a fire. This event has ended. Portions of the HF3 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730MA/PAL.	1	H
	103838	ETSC 001076 - 001078	02/16/2008 8:30	02/20/2008 12:00	99:30	Not specifically authorized	Oil Movements	Tank 1095 sewer drain	SEWERFLUG	TOTAL VOC: Ethylbenzene, Ortho-xylene, para-xylene, Propene, Toluene, VOC	68.90	0.00	Leaking stormwater roof drain resulted in crude oil on tank roof. Secondary mist released at ground level sewer and vapor released from tank roof. Portions of Oil Movements, including the tank, authorized in Permit 18287.	5	H
738	72943	ETSC 000776 - 000777	3/14/06 17:30	3/14/06 17:50	0:20	Not specifically authorized	Oil Movements	Tank 801 fire wall		TOTAL VOC: Ethylbenzene, Xylene, VOC	32.08	0.00	Paint cans and wood-based material caught fire inside the firewall of Tank 801. The minor fire only burned painting supplies and was put out minutes later. The ignition source was not determined.	1	H
	71948	ETSC 000786 - 000787	2/19/06 17:05	2/19/06 17:10	0:05	No authorized emissions	Catalytic Light Ends Unit 3	CLEU3 Atmospheric Safety (CL0369)		TOTAL VOC: Ethylene (gaseous)	9,090.00	0.00	Ethylene Compressor (C7-4) tripped causing atmospheric safety (CL0369) to open. Portions of the CLEU3 unit are permitted under permit #18287.	1	H, R-RQ
740	86666	ETSC 001017-001018	1/25/07 14:28	1/25/07 14:29	0:02	Not specifically authorized	Catalytic Light Ends Unit 3	CL0352		TOTAL VOC: Ethylene (gaseous)	156.00	0.00	Ethylene refrigeration system compressor overpressured while performing computer maintenance and atmospheric safety relieved for approximately 6 seconds. The event has ended. The unit has returned to normal. Portions of CLEU3 are permitted in Permit 18287.	1	H, R-RQ
	83907	ETSC 001043 - 001044	11/15/06 1:00	11/15/06 5:00	4:00	Not specifically authorized	Catalytic Light Ends Unit 2	D-41 Line Pinhole	Pinhole Leak	TOTAL VOC: Ethylene (gaseous), Propane, Propylene (Propene)	1,045.00	0.00	A pinhole leak was discovered in an overhead line to a knockout drum (D-41) at the Catalytic Light Ends Unit (CLEU2). The event has ended. Portions of the Catalytic Light Ends Unit are controlled under permit #18287.	1	H, R-RQ
741	114161	ETSC 001156 - 001163	09/15/2008 18:30	10/04/2008 1:00	438:30	Permit #18287 & PSD-TX-730M4	Baytown Refinery	CLEU T-62 Feed Line Pinhole Leak		TOTAL VOC: Ethylene (gaseous), Propane, Propylene (Propene)	8.00	6,014.44	Controlled startup shutdown is shown for Hurricane Ike. This initial STEERS initial report is based on September 2005 refinery startup after shutdown due to approach of hurricane. Portions of the refinery are permitted under Permit 18287/PSD-TX-730-M4. Note: STEERS would not allow submission of just one report because it exceeded the CCEDS requirements. The STEERS contact (J. Drazd) recommended we submit two reports. A previous submitted report with Incident Tracking Number 114157 contains the balance of information for this startup event.	19	H
	76531	ETSC 000828 - 000829	5/31/06 14:00	6/1/06 5:50	15:50	Not specifically authorized	Oil Movements	Plant Sewer Fugitives	SEWERFLUG	TOTAL VOC: Heptane (or n-), Toluene	25,644.00	0.00	Heptane from tank 741 water draw valve was released to onsite sewer and waste water treatment plant. Portions of Oil Movements are authorized under permit #18287.	1	H, R-RQ, O-RQ
742	128824	ETSC 001237 - 001238; EOMCS 0023142 - 0023148	08/30/2009 15:22	08/31/2009 1:57	10:35	Not specifically authorized	Flexicoker Waste Heat Boiler	Flexicoker Waste Heat Boiler Bypass Stack		TOTAL VOC: i-Butene, N-Butane, Butene, Ethylene (gaseous), Pentane, Propane, Propylene, VOC	508.00	0.00	As a result of a malfunctioning boiler feed water pump, the Flexicoker waste heat boiler (WHB) was shut down causing emissions to be released to the atmosphere through the Flexicoker gas turbine generator WHB bypass stack. Portions of the refinery are authorized by PAL permit number 18287.	1	H, R-RQ
	153388	ETSC 001368 - 001369	04/15/2011 20:15	04/15/2011 20:22	0:07	Not specifically authorized	HCU1	EBV 701 A/B	EBV 701 A/B	TOTAL VOC: Isobutane, Isopentane, Propane, VOC (C6+)	1,837.00	0.00	Malfunctioning temperature instrument caused depressuring through EBV 701 A/B. Emissions occurred intermittently beginning on 04/15/2011 at 8:15 PM until 04/16/2011 at 12:10 PM after a total of 8 minutes. RO was exceeded on 04/16/2011 at 12:50 AM. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL.	1	R-M, O-M
743	137576	ETSC 001293 - 001294	03/28/2010 3:00	03/30/2010 16:00	61:00	Not specifically authorized	Gofiner 1 (GF1)	Pipe Leak in Gofiner Tower 252		TOTAL VOC: Monoethanolamine	93.00	0.00	Emissions from pinhole leak in piping at Gofiner Tower 252. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730. Emissions occurred intermittently through the duration of the event.	3	
	134505	ETSC 001273 - 001274	01/14/2010 14:30	01/21/2010 1:50	155:20	Portions of these emissions may be authorized by Permit #18287	Gas Treating	Flare 20	FL20	TOTAL VOC: N-Butane, Butene, Isobutane, Isopentane, N-Pentane, N-Propane, Propylene (Propane), VOC	9,119.70	6010.61	Emissions from hole in piping to gas treating towers. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730.	7	F, H, R-RQ
744	142407	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 20	FL20	TOTAL VOC: N-Butane, Butene, Isobutane, Isopentane, N-Pentane, Propane, Propylene (Propane), VOC (C6+)	40.68	6010.61	Malfunctioning temperature instrument caused depressuring through EBV 701 A/B. Emissions occurred intermittently beginning on 04/15/2011 at 8:15 PM until 04/16/2011 at 12:10 PM after a total of 8 minutes. RO was exceeded on 04/16/2011 at 12:50 AM. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730M4/PAL.	already counted	
	142409	ETSC 001316 - 001322	07/15/2010 4:32	07/15/2010 10:07	5:35	Portions may be authorized by Permit 18287/PSD-TX-730M4	Catalytic Light Ends Unit 3 (CLEU3)	Flare Stack 17	FLARE17	TOTAL VOC: N-Butane, Butene, Isobutane, Isopentane, N-Pentane, Propane, Propylene (Propane), VOC (C6+)	159.50	6010.61	Flaring due to C-75 compressor trip. Portions of the unit emissions are authorized by Permit #18287/PSD-TX-730.	1	F, H, R-RQ
745	120401	ETSC 001182 - 001183	02/21/2009 15:27	02/21/2009 18:55	3:28	Not specifically authorized	Hydrocracking Unit 1	HCU1 4041/0902 vents		TOTAL VOC: N-Butane, Isobutane, Isopentane, Propane, Propylene (Propane), VOC	15,504.00	0.00	A valve leaked into the atmospheric drums D401/0902. Portions of HCU1 unit are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	1	H, R-RQ
	134509	ETSC 001273 - 001274	01/14/2010 14:30	01/21/2010 1:50	155:20	Not specifically authorized	Gas Treating	Hole in Piping	Hole in Piping	TOTAL VOC: N-Butane, N-Pentane, Propane	1,913.10	0.00	Emissions from hole in piping to gas treating towers. Portions of the refinery emissions may be authorized by Permit #18287/PSD-TX-730.	already counted	
746	135178	ETSC 001278 - 001279	01/29/2010 11:30	01/29/2010 12:45	1:15	Not specifically authorized	Lubes Extraction Unit 2, Hole in Pipe	IXU-2 E-5 Hole in Pipe		TOTAL VOC: N-Methyl-2-Pyrrolidone	321.00	0.00	A hole in E-5 tower inner nozzle. Portion of the unit is authorized by Permit #18287/PSD-TX-730M4/PAL.	1	H
	164148	ETSC 068642 - 068643	1/14/12 21:00	1/14/12 21:45	0:45	Not specifically authorized	DOCKS			TOTAL VOC: Other, VOC (unspecified)	16.00	0.00	3-gallon spill of steam cracked naphtha. As per 30 TAC 101.201 (a)(4), the initial spill notification was made under 30 TAC 327.3 on 1/14/12. Portions of this facility are authorized by Permit #18287/PSD-TX-730M4/PAL.	1	R-M, O-M
747	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 15	FS15	TOTAL VOC: Propane	5,644.00	6014.44	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desalting Unit. Shutdown and subsequent unit clearing caused flaring. Portions of the Refinery are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	2	F
	124761	ETSC 001201 - 001202	05/26/2009 23:40	05/28/2009 13:57	38:17	Not specifically authorized	Dewaxing Unit	Flare 16	FS16	TOTAL VOC: Propane	777.00	6014.44	Failure of cooling tower supply header caused shutdown of Propane Dewaxing Unit and Lube Desalting Unit. Shutdown and subsequent unit clearing caused flaring. Portions of the Refinery are authorized under Flexible PAL Permit #18287/PSD-TX-730M4.	already counted	
748	68603	ETSC 000724 - 000725	11/29/05 16:00	11/30/05 4:30	12:30	No specific emissions authorizations for this facility	Propane Dewaxing Unit	Chiller Overhead Line		TOTAL VOC: Propane, Propylene (Propane)	11,437.00	0.00	Flange leak on chiller overhead line at CV074-2 resulted in emissions to atmosphere. Cause is still under investigation.	1	H, R-RQ
	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 15	Flare15	TOTAL VOC: Propane, Propylene (Propane)	1,947.00	401.00	Fire at Electrical Substation #5, serving the lubes plant. Resulted in trip of East Loop Flare Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	1	F, H, R-RQ
749	74965	ETSC 000842 - 000844	4/25/06 21:45	4/26/06 21:31	23:46	Not specifically authorized	Substation 5 & East Loop Flare System	Flare 16	Flare16	TOTAL VOC: Propane, Propylene (Propane)	40.20	401.00	Fire at Electrical Substation #5, serving the lubes plant. Resulted in trip of East Loop Flare Recovery Compressor and subsequent flaring off of the East Loop Flare Systems. Material routed to the flare included flows from MEK, LDU, PDU & LH2 units. VOC from substation is petroleum distillates. This report is being submitted as part of the interim agreement with TCEQ Region 12. Portions of the Refinery are permitted under Permit #18287.	already counted	
	161875	ETSC 068035 - 068036	11/17/11 10:50	11/17/11 11:15	0:25	Not specifically authorized	Gofiner	Hole in Pipe		TOTAL VOC: Propane, VOC (unspecified)	231.81	0.00	On 11/15/11 @ 23:00, a hole in a pipe was observed and subsequently isolated. The initial estimate indicated the emissions were below a reportable quantity. During insulation removal and inspection of the pipe on 11/17/11, the hole size increased that eliminated what was considered the initial estimate. Site Permits are issued under PSD-TX-730.	1	H
750	96511	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare 14	FLARE14	TOTAL VOC: VOC	62.00	0.00	Shift in power supply to Hydrofining Unit #9 (HUF) resulted in depressuring to D-500 atmospheric vent. HUF diversion resulted in flaring of Low Btu Gas normally used in HUF furnaces. Portions of the BTRF Refinery are authorized by Flex/PAL Permit No. 18287.	already counted	
	96511	ETSC 000947 - 000949	8/23/07 20:13	8/24/07 1:07	4:54	Not specifically authorized	Hydrofining Unit #9	Flare 14	FLARE14	TOTAL VOC: VOC	62.00	0.00	Shift in power supply to Hydrofining Unit #9 (HUF) resulted in depressuring to D-500 atmospheric vent. HUF diversion resulted in flaring of Low Btu Gas normally used in HUF furnaces. Portions of the BTRF Refinery are authorized by Flex/PAL Permit No. 18287.	already counted	

